



API Reference

# AWS Well-Architected Tool



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# AWS Well-Architected Tool: API Reference

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# Welcome

This is the *AWS Well-Architected Tool API Reference*. The AWS WA Tool API provides programmatic access to the [AWS Well-Architected Tool](#) in the [AWS Management Console](#). For information about the AWS Well-Architected Tool, see the [AWS Well-Architected Tool User Guide](#).

This document was last published on June 19, 2026.

# Actions

The following actions are supported:

- [AssociateLenses](#)
- [AssociateProfiles](#)
- [CreateLensShare](#)
- [CreateLensVersion](#)
- [CreateMilestone](#)
- [CreateProfile](#)
- [CreateProfileShare](#)
- [CreateReviewTemplate](#)
- [CreateTemplateShare](#)
- [CreateWorkload](#)
- [CreateWorkloadShare](#)
- [DeleteLens](#)
- [DeleteLensShare](#)
- [DeleteProfile](#)
- [DeleteProfileShare](#)
- [DeleteReviewTemplate](#)
- [DeleteTemplateShare](#)
- [DeleteWorkload](#)
- [DeleteWorkloadShare](#)
- [DisassociateLenses](#)
- [DisassociateProfiles](#)
- [ExportLens](#)
- [GetAnswer](#)
- [GetConsolidatedReport](#)
- [GetGlobalSettings](#)
- [GetLens](#)
- [GetLensReview](#)

- [GetLensReviewReport](#)
- [GetLensVersionDifference](#)
- [GetMilestone](#)
- [GetProfile](#)
- [GetProfileTemplate](#)
- [GetReviewTemplate](#)
- [GetReviewTemplateAnswer](#)
- [GetReviewTemplateLensReview](#)
- [GetWorkload](#)
- [ImportLens](#)
- [ListAnswers](#)
- [ListCheckDetails](#)
- [ListCheckSummaries](#)
- [ListLenses](#)
- [ListLensReviewImprovements](#)
- [ListLensReviews](#)
- [ListLensShares](#)
- [ListMilestones](#)
- [ListNotifications](#)
- [ListProfileNotifications](#)
- [ListProfiles](#)
- [ListProfileShares](#)
- [ListReviewTemplateAnswers](#)
- [ListReviewTemplates](#)
- [ListShareInvitations](#)
- [ListTagsForResource](#)
- [ListTemplateShares](#)
- [ListWorkloads](#)
- [ListWorkloadShares](#)
- [TagResource](#)

- [UntagResource](#)
- [UpdateAnswer](#)
- [UpdateGlobalSettings](#)
- [UpdateIntegration](#)
- [UpdateLensReview](#)
- [UpdateProfile](#)
- [UpdateReviewTemplate](#)
- [UpdateReviewTemplateAnswer](#)
- [UpdateReviewTemplateLensReview](#)
- [UpdateShareInvitation](#)
- [UpdateWorkload](#)
- [UpdateWorkloadShare](#)
- [UpgradeLensReview](#)
- [UpgradeProfileVersion](#)
- [UpgradeReviewTemplateLensReview](#)

# AssociateLenses

Associate a lens to a workload.

Up to 10 lenses can be associated with a workload in a single API operation. A maximum of 20 lenses can be associated with a workload.

## Note

### Disclaimer

By accessing and/or applying custom lenses created by another AWS user or account, you acknowledge that custom lenses created by other users and shared with you are Third Party Content as defined in the AWS Customer Agreement.

## Request Syntax

```
PATCH /workloads/WorkloadId/associateLenses HTTP/1.1
```

```
Content-type: application/json
```

```
{  
  "LensAliases": [ "string" ]  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### LensAliases

List of lens aliases to associate or disassociate with a workload. Up to 10 lenses can be specified.

Identify a lens using its [LensSummary:LensAlias](#).

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# AssociateProfiles

Associate a profile with a workload.

## Request Syntax

```
PATCH /workloads/WorkloadId/associateProfiles HTTP/1.1
Content-type: application/json

{
  "ProfileArns": [ "string" ]
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ProfileArns

The list of profile ARNs to associate with the workload.

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: arn:aws[-a-z]\*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateLensShare

Create a lens share.

The owner of a lens can share it with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region. Lenses provided by AWS (AWS Official Content) cannot be shared.

Shared access to a lens is not removed until the lens invitation is deleted.

If you share a lens with an organization or OU, all accounts in the organization or OU are granted access to the lens.

For more information, see [Sharing a custom lens](#) in the *AWS Well-Architected Tool User Guide*.

## Note

### Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

## Request Syntax

```
POST /lenses/LensAlias/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### [ClientRequestToken](#)

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

## SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ShareId

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The user has reached their resource quota.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateLensVersion

Create a new lens version.

A lens can have up to 100 versions.

Use this operation to publish a new lens version after you have imported a lens. The `LensAlias` is used to identify the lens to be published. The owner of a lens can share the lens with other AWS accounts and users in the same AWS Region. Only the owner of a lens can delete it.

## Request Syntax

```
POST /lenses/LensAlias/versions HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "IsMajorVersion": boolean,
  "LensVersion": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

### IsMajorVersion

Set to true if this new major lens version.

Type: Boolean

Required: No

### LensVersion

The version of the lens being created.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensArn": "string",
  "LensVersion": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensArn

The ARN for the lens.

Type: String

### LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateMilestone

Create a milestone for an existing workload.

## Request Syntax

```
POST /workloads/WorkloadId/milestones HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

**MilestoneName**

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

**Response Syntax**

```
HTTP/1.1 200
Content-type: application/json

{
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

**Response Elements**

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateProfile

Create a profile.

## Request Syntax

```
POST /profiles HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "ProfileDescription": "string",
  "ProfileName": "string",
  "ProfileQuestions": [
    {
      "QuestionId": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ],
  "Tags": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F]*$`

Required: Yes

**ProfileDescription**

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

**ProfileName**

Name of the profile.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

**ProfileQuestions**

The profile questions.

Type: Array of [ProfileQuestionUpdate](#) objects

Required: Yes

**Tags**

The tags assigned to the profile.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ProfileArn": "string",
  "ProfileVersion": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [ProfileArn](#)

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

### [ProfileVersion](#)

Version of the profile.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

## **ServiceQuotaExceededException**

The user has reached their resource quota.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## **ValidationException**

The user input is not valid.

### **Fields**

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateProfileShare

Create a profile share.

## Request Syntax

```
POST /profiles/ProfileArn/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

**SharedWith**

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

**Response Syntax**

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "ProfileArn": "string",
  "ShareId": "string"
}
```

**Response Elements**

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

## ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d{12}:profile/[a-z0-9]+`

## ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The user has reached their resource quota.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateReviewTemplate

Create a review template.

## Note

### Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your review templates. If your review template or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

## Request Syntax

```
POST /reviewTemplates HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "Description": "string",
  "Lenses": [ "string" ],
  "Notes": "string",
  "Tags": {
    "string" : "string"
  },
  "TemplateName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

## ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

## Description

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: Yes

## Lenses

Lenses applied to the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### Tags

The tags assigned to the review template.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

### TemplateName

Name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "TemplateArn": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateTemplateShare

Create a review template share.

The owner of a review template can share it with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region.

Shared access to a review template is not removed until the review template share invitation is deleted.

If you share a review template with an organization or OU, all accounts in the organization or OU are granted access to the review template.

## Note

### Disclaimer

By sharing your review template with other AWS accounts, you acknowledge that AWS will make your review template available to those other accounts.

## Request Syntax

```
POST /templates/shares/TemplateArn HTTP/1.1
```

```
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "SharedWith": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string",
  "TemplateArn": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateWorkload

Create a new workload.

The owner of a workload can share the workload with other AWS accounts, users, an organization, and organizational units (OUs) in the same AWS Region. Only the owner of a workload can delete it.

For more information, see [Defining a Workload](#) in the *AWS Well-Architected Tool User Guide*.

## Important

Either `AwsRegions`, `NonAwsRegions`, or both must be specified when creating a workload.

You also must specify `ReviewOwner`, even though the parameter is listed as not being required in the following section.

When creating a workload using a review template, you must have the following IAM permissions:

- `wellarchitected:GetReviewTemplate`
- `wellarchitected:GetReviewTemplateAnswer`
- `wellarchitected:ListReviewTemplateAnswers`
- `wellarchitected:GetReviewTemplateLensReview`

## Request Syntax

```
POST /workloads HTTP/1.1
Content-type: application/json
```

```
{
  "AccountIds": [ "string" ],
  "Applications": [ "string" ],
  "ArchitecturalDesign": "string",
  "AwsRegions": [ "string" ],
  "ClientRequestToken": "string",
  "Description": "string",
  "DiscoveryConfig": {
```

```
    "TrustedAdvisorIntegrationStatus": "string",
    "WorkloadResourceDefinition": [ "string" ]
  },
  "Environment": "string",
  "Industry": "string",
  "IndustryType": "string",
  "JiraConfiguration": {
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string"
  },
  "Lenses": [ "string" ],
  "NonAwsRegions": [ "string" ],
  "Notes": "string",
  "PillarPriorities": [ "string" ],
  "ProfileArns": [ "string" ],
  "ReviewOwner": "string",
  "ReviewTemplateArns": [ "string" ],
  "Tags": {
    "string" : "string"
  },
  "WorkloadName": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### Applications

List of AppRegistry application ARNs associated to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

### ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[\^\\s/$.?!#].[\^\\s]*)$`

Required: No

### AwsRegions

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `ca-central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

### Description

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: Yes

### DiscoveryConfig

Well-Architected discovery configuration settings associated to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

### Environment

The environment for the workload.

Type: String

Valid Values: PRODUCTION | PREPRODUCTION

Required: Yes

### Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

### IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech
- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment
- Mining & Resources
- Oil & Gas

- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

### JiraConfiguration

Jira configuration settings when creating a workload.

Type: [WorkloadJiraConfigurationInput](#) object

Required: No

### Lenses

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### NonAwsRegions

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### ProfileArns

The list of profile ARNs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

## ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

## ReviewTemplateArns

The list of review template ARNs to associate with the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

## Tags

The tags to be associated with the workload.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "WorkloadArn": "string",
  "WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [WorkloadArn](#)

The ARN for the workload.

Type: String

### [WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# CreateWorkloadShare

Create a workload share.

The owner of a workload can share it with other AWS accounts and users in the same AWS Region. Shared access to a workload is not removed until the workload invitation is deleted.

If you share a workload with an organization or OU, all accounts in the organization or OU are granted access to the workload.

For more information, see [Sharing a workload](#) in the *AWS Well-Architected Tool User Guide*.

## Request Syntax

```
POST /workloads/WorkloadId/shares HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "PermissionType": "string",
  "SharedWith": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### [WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

## ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: Yes

## PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: Yes

## SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareId": "string",
  "WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [ShareId](#)

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

### [WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The user has reached their resource quota.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteLens

Delete an existing lens.

Only the owner of a lens can delete it. After the lens is deleted, AWS accounts and users that you shared the lens with can continue to use it, but they will no longer be able to apply it to new workloads.

## Note

### Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

## Request Syntax

```
DELETE /lenses/LensAlias?ClientRequestToken=ClientRequestToken&LensStatus=LensStatus
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F\]*$`

Required: Yes

**LensAlias**

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

**LensStatus**

The status of the lens to be deleted.

Valid Values: ALL | DRAFT | PUBLISHED

Required: Yes

**Request Body**

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteLensShare

Delete a lens share.

After the lens share is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the lens with can continue to use it, but they will no longer be able to apply it to new workloads.

## Note

### Disclaimer

By sharing your custom lenses with other AWS accounts, you acknowledge that AWS will make your custom lenses available to those other accounts. Those other accounts may continue to access and use your shared custom lenses even if you delete the custom lenses from your own AWS account or terminate your AWS account.

## Request Syntax

```
DELETE /lenses/LensAlias/shares/ShareId?ClientRequestToken=ClientRequestToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

## Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F\]*$`

Required: Yes

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteProfile

Delete a profile.

## Note

### Disclaimer

By sharing your profile with other AWS accounts, you acknowledge that AWS will make your profile available to those other accounts. Those other accounts may continue to access and use your shared profile even if you delete the profile from your own AWS account or terminate your AWS account.

## Request Syntax

```
DELETE /profiles/ProfileArn?ClientRequestToken=ClientRequestToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F]*$`

Required: Yes

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# DeleteProfileShare

Delete a profile share.

## Request Syntax

```
DELETE /profiles/ProfileArn/shares/ShareId?ClientRequestToken=ClientRequestToken  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^\[\x00-\x7F\]*$`

Required: Yes

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

### ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# DeleteReviewTemplate

Delete a review template.

Only the owner of a review template can delete it.

After the review template is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the review template with will no longer be able to apply it to new workloads.

## Request Syntax

```
DELETE /reviewTemplates/TemplateArn?ClientRequestToken=ClientRequestToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteTemplateShare

Delete a review template share.

After the review template share is deleted, AWS accounts, users, organizations, and organizational units (OUs) that you shared the review template with will no longer be able to apply it to new workloads.

## Request Syntax

```
DELETE /templates/shares/TemplateArn/ShareId?ClientRequestToken=ClientRequestToken  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

## ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

## TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteWorkload

Delete an existing workload.

## Request Syntax

```
DELETE /workloads/WorkloadId?ClientRequestToken=ClientRequestToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DeleteWorkloadShare

Delete a workload share.

## Request Syntax

```
DELETE /workloads/WorkloadId/shares/ShareId?ClientRequestToken=ClientRequestToken
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

### ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

### **WorkloadId**

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## **Request Body**

The request does not have a request body.

## **Response Syntax**

```
HTTP/1.1 200
```

## **Response Elements**

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## **Errors**

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# DisassociateLenses

Disassociate a lens from a workload.

Up to 10 lenses can be disassociated from a workload in a single API operation.

## Note

The AWS Well-Architected Framework lens (`wellarchitected`) cannot be removed from a workload.

## Request Syntax

```
PATCH /workloads/WorkloadId/disassociateLenses HTTP/1.1  
Content-type: application/json
```

```
{  
  "LensAliases": [ "string" ]  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

## LensAliases

List of lens aliases to associate or disassociate with a workload. Up to 10 lenses can be specified.

Identify a lens using its [LensSummary:LensAlias](#).

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

## ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# DisassociateProfiles

Disassociate a profile from a workload.

## Request Syntax

```
PATCH /workloads/WorkloadId/disassociateProfiles HTTP/1.1
Content-type: application/json

{
  "ProfileArns": [ "string" ]
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ProfileArns

The list of profile ARNs to disassociate from the workload.

Type: Array of strings

Array Members: Minimum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ExportLens

Export an existing lens.

Only the owner of a lens can export it. Lenses provided by AWS (AWS Official Content) cannot be exported.

Lenses are defined in JSON. For more information, see [JSON format specification](#) in the *AWS Well-Architected Tool User Guide*.

## Note

### Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your custom lenses. If your custom lens or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

## Request Syntax

```
GET /lenses/LensAlias/export?LensVersion=LensVersion HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### LensVersion

The lens version to be exported.

Length Constraints: Minimum length of 1. Maximum length of 32.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensJSON": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensJSON

The JSON representation of a lens.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 500000.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

## ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetAnswer

Get the answer to a specific question in a workload review.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/answers/QuestionId?  
MilestoneNumber=MilestoneNumber HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

### QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ],
    "Choices": [
      {
        "AdditionalResources": [
          {
            "Content": [
              {
                "DisplayText": "string",
                "Url": "string"
              }
            ],
            "Type": "string"
          }
        ]
      }
    ]
  }
}
```

```

    }
  ],
  "ChoiceId": "string",
  "Description": "string",
  "HelpfulResource": {
    "DisplayText": "string",
    "Url": "string"
  },
  "ImprovementPlan": {
    "DisplayText": "string",
    "Url": "string"
  },
  "Title": "string"
}
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"JiraConfiguration": {
  "JiraIssueUrl": "string",
  "LastSyncedTime": number
},
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"Risk": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
"WorkloadId": "string"
}

```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

## Answer

An answer of the question.

Type: [Answer](#) object

## LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

## LensArn

The ARN for the lens.

Type: String

## MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetConsolidatedReport

Get a consolidated report of your workloads.

You can optionally choose to include workloads that have been shared with you.

## Request Syntax

```
GET /consolidatedReport?  
Format=Format&IncludeSharedResources=IncludeSharedResources&MaxResults=MaxResults&NextToken=Nex  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### Format

The format of the consolidated report.

For PDF, Base64String is returned. For JSON, Metrics is returned.

Valid Values: PDF | JSON

Required: Yes

### IncludeSharedResources

Set to true to have shared resources included in the report.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 15.

### NextToken

The token to use to retrieve the next set of results.

## Request Body

The request does not have a request body.

## Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "Base64String": "string",
  "Metrics": [
    {
      "Lenses": [
        {
          "LensArn": "string",
          "Pillars": [
            {
              "PillarId": "string",
              "Questions": [
                {
                  "BestPractices": [
                    {
                      "ChoiceId": "string",
                      "ChoiceTitle": "string"
                    }
                  ],
                  "QuestionId": "string",
                  "Risk": "string"
                }
              ],
              "RiskCounts": {
                "string" : number
              }
            }
          ],
          "RiskCounts": {
            "string" : number
          }
        }
      ],
      "LensesAppliedCount": number,
      "MetricType": "string",
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number,
    }
  ]
}
```

```
    "WorkloadArn": "string",  
    "WorkloadId": "string",  
    "WorkloadName": "string"  
  }  
],  
"NextToken": "string"  
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Base64String

The Base64-encoded string representation of a lens review report.

This data can be used to create a PDF file.

Only returned by [GetConsolidatedReport](#) when PDF format is requested.

Type: String

### Metrics

The metrics that make up the consolidated report.

Only returned when JSON format is requested.

Type: Array of [ConsolidatedReportMetric](#) objects

### NextToken

The token to use to retrieve the next set of results.

Type: String

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetGlobalSettings

Global settings for all workloads.

## Request Syntax

```
GET /global-settings HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "DiscoveryIntegrationStatus": "string",
  "JiraConfiguration": {
    "IntegrationStatus": "string",
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string",
    "StatusMessage": "string",
    "Subdomain": "string"
  },
  "OrganizationSharingStatus": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

## DiscoveryIntegrationStatus

Discovery integration status.

Type: String

Valid Values: ENABLED | DISABLED

## JiraConfiguration

Jira configuration status.

Type: [AccountJiraConfigurationOutput](#) object

## OrganizationSharingStatus

AWS Organizations sharing status.

Type: String

Valid Values: ENABLED | DISABLED

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetLens

Get an existing lens.

## Request Syntax

```
GET /lenses/LensAlias?LensVersion=LensVersion HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### LensVersion

The lens version to be retrieved.

Length Constraints: Minimum length of 1. Maximum length of 32.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "Lens": {
    "Description": "string",
    "LensArn": "string",
    "LensVersion": "string",
    "Name": "string",
    "Owner": "string",
    "ShareInvitationId": "string",
    "Tags": {
      "string" : "string"
    }
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Lens

A lens return object.

Type: [Lens](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

## **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetLensReview

Get lens review.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias?MilestoneNumber=MilestoneNumber
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReview": {
    "JiraConfiguration": {
      "SelectedPillars": [
        {
          "PillarId": "string",
          "SelectedQuestionIds": [ "string" ]
        }
      ]
    },
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "RiskCounts": {
          "string" : number
        }
      }
    ]
  }
}
```

```
    ],
    "PrioritizedRiskCounts": {
      "string" : number
    },
    "Profiles": [
      {
        "ProfileArn": "string",
        "ProfileVersion": "string"
      }
    ],
    "RiskCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensReview

A lens review of a question.

Type: [LensReview](#) object

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetLensReviewReport

Get lens review report.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/report?MilestoneNumber=MilestoneNumber
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReviewReport": {
    "Base64String": "string",
    "LensAlias": "string",
    "LensArn": "string"
  },
  "MilestoneNumber": number,
  "WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [LensReviewReport](#)

A report of a lens review.

Type: [LensReviewReport](#) object

### [MilestoneNumber](#)

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### **WorkloadId**

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## **Errors**

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetLensVersionDifference

Get lens version differences.

## Request Syntax

```
GET /lenses/LensAlias/versionDifference?  
BaseLensVersion=BaseLensVersion&TargetLensVersion=TargetLensVersion HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### BaseLensVersion

The base version of the lens.

Length Constraints: Minimum length of 1. Maximum length of 32.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### TargetLensVersion

The lens version to target a difference for.

Length Constraints: Minimum length of 1. Maximum length of 32.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "BaseLensVersion": "string",
  "LatestLensVersion": "string",
  "LensAlias": "string",
  "LensArn": "string",
  "TargetLensVersion": "string",
  "VersionDifferences": {
    "PillarDifferences": [
      {
        "DifferenceStatus": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionDifferences": [
          {
            "DifferenceStatus": "string",
            "QuestionId": "string",
            "QuestionTitle": "string"
          }
        ]
      }
    ]
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### BaseLensVersion

The base version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

### LatestLensVersion

The latest version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### LensArn

The ARN for the lens.

Type: String

### TargetLensVersion

The target lens version for the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

### VersionDifferences

The differences between the base and latest versions of the lens.

Type: [VersionDifferences](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetMilestone

Get a milestone for an existing workload.

## Request Syntax

```
GET /workloads/WorkloadId/milestones/MilestoneNumber HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Milestone": {
```

```
"MilestoneName": "string",
"MilestoneNumber": number,
"RecordedAt": number,
"Workload": {
  "AccountIds": [ "string" ],
  "Applications": [ "string" ],
  "ArchitecturalDesign": "string",
  "AwsRegions": [ "string" ],
  "Description": "string",
  "DiscoveryConfig": {
    "TrustedAdvisorIntegrationStatus": "string",
    "WorkloadResourceDefinition": [ "string" ]
  },
  "Environment": "string",
  "ImprovementStatus": "string",
  "Industry": "string",
  "IndustryType": "string",
  "IsReviewOwnerUpdateAcknowledged": boolean,
  "JiraConfiguration": {
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string",
    "StatusMessage": "string"
  },
  "Lenses": [ "string" ],
  "NonAwsRegions": [ "string" ],
  "Notes": "string",
  "Owner": "string",
  "PillarPriorities": [ "string" ],
  "PrioritizedRiskCounts": {
    "string" : number
  },
  "Profiles": [
    {
      "ProfileArn": "string",
      "ProfileVersion": "string"
    }
  ],
  "ReviewOwner": "string",
  "ReviewRestrictionDate": number,
  "RiskCounts": {
    "string" : number
  },
  "ShareInvitationId": "string",
```

```
    "Tags": {
      "string" : "string"
    },
    "UpdatedAt": number,
    "WorkloadArn": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
},
"WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Milestone

A milestone return object.

Type: [Milestone](#) object

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetProfile

Get profile information.

## Request Syntax

```
GET /profiles/ProfileArn?ProfileVersion=ProfileVersion HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

### ProfileVersion

The profile version.

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```
"Profile": {
  "CreatedAt": number,
  "Owner": "string",
  "ProfileArn": "string",
  "ProfileDescription": "string",
  "ProfileName": "string",
  "ProfileQuestions": [
    {
      "MaxSelectedChoices": number,
      "MinSelectedChoices": number,
      "QuestionChoices": [
        {
          "ChoiceDescription": "string",
          "ChoiceId": "string",
          "ChoiceTitle": "string"
        }
      ],
      "QuestionDescription": "string",
      "QuestionId": "string",
      "QuestionTitle": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ],
  "ProfileVersion": "string",
  "ShareInvitationId": "string",
  "Tags": {
    "string" : "string"
  },
  "UpdatedAt": number
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Profile

The profile.

Type: [Profile](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

#### Message

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# GetProfileTemplate

Get profile template.

## Request Syntax

```
GET /profileTemplate HTTP/1.1
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ProfileTemplate": {
    "CreatedAt": number,
    "TemplateName": "string",
    "TemplateQuestions": [
      {
        "MaxSelectedChoices": number,
        "MinSelectedChoices": number,
        "QuestionChoices": [
          {
            "ChoiceDescription": "string",
            "ChoiceId": "string",
            "ChoiceTitle": "string"
          }
        ],
        "QuestionDescription": "string",
        "QuestionId": "string",
        "QuestionTitle": "string"
      }
    ]
  },
}
```

```
    "UpdatedAt": number
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ProfileTemplate

The profile template.

Type: [ProfileTemplate](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetReviewTemplate

Get review template.

## Request Syntax

```
GET /reviewTemplates/TemplateArn HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ReviewTemplate": {
    "Description": "string",
    "Lenses": [ "string" ],
    "Notes": "string",
    "Owner": "string",
    "QuestionCounts": {
      "string": number
    }
  },
```

```
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"TemplateArn": "string",
"TemplateName": "string",
"UpdatedAt": number,
"UpdateStatus": "string"
}
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [ReviewTemplate](#)

The review template.

Type: [ReviewTemplate](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetReviewTemplateAnswer

Get review template answer.

## Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers/QuestionId HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### [LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### [QuestionId](#)

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### [TemplateArn](#)

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "AnswerStatus": "string",
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ],
    "Choices": [
      {
        "AdditionalResources": [
          {
            "Content": [
              {
                "DisplayText": "string",
                "Url": "string"
              }
            ],
            "Type": "string"
          }
        ],
        "ChoiceId": "string",
        "Description": "string",
        "HelpfulResource": {
          "DisplayText": "string",
```

```
        "Url": "string"
    },
    "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
    },
    "Title": "string"
}
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"TemplateArn": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Answer

An answer of the question.

Type: [ReviewTemplateAnswer](#) object

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

## ResourceNotFoundException

The requested resource was not found.

### Message

Description of the error.

### ResourceId

Identifier of the resource affected.

### ResourceType

Type of the resource affected.

HTTP Status Code: 404

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetReviewTemplateLensReview

Get a lens review associated with a review template.

## Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\\d:\\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReview": {
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionCounts": {
          "string" : number
        }
      }
    ],
    "QuestionCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "TemplateArn": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensReview

A lens review of a question.

Type: [ReviewTemplateLensReview](#) object

## TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# GetWorkload

Get an existing workload.

## Request Syntax

```
GET /workloads/WorkloadId HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Workload": {
    "AccountIds": [ "string" ],
    "Applications": [ "string" ],
    "ArchitecturalDesign": "string",
    "AwsRegions": [ "string" ],
    "Description": "string",
    "DiscoveryConfig": {
      "TrustedAdvisorIntegrationStatus": "string",
      "WorkloadResourceDefinition": [ "string" ]
    }
  },
}
```

```
"Environment": "string",
"ImprovementStatus": "string",
"Industry": "string",
"IndustryType": "string",
"IsReviewOwnerUpdateAcknowledged": boolean,
"JiraConfiguration": {
  "IssueManagementStatus": "string",
  "IssueManagementType": "string",
  "JiraProjectKey": "string",
  "StatusMessage": "string"
},
"Lenses": [ "string" ],
"NonAwsRegions": [ "string" ],
"Notes": "string",
"Owner": "string",
"PillarPriorities": [ "string" ],
"PrioritizedRiskCounts": {
  "string" : number
},
"Profiles": [
  {
    "ProfileArn": "string",
    "ProfileVersion": "string"
  }
],
"ReviewOwner": "string",
"ReviewRestrictionDate": number,
"RiskCounts": {
  "string" : number
},
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"UpdatedAt": number,
"WorkloadArn": "string",
"WorkloadId": "string",
"WorkloadName": "string"
}
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Workload

A workload return object.

Type: [Workload](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ImportLens

Import a new custom lens or update an existing custom lens.

To update an existing custom lens, specify its ARN as the `LensAlias`. If no ARN is specified, a new custom lens is created.

The new or updated lens will have a status of `DRAFT`. The lens cannot be applied to workloads or shared with other AWS accounts until it's published with [CreateLensVersion](#).

Lenses are defined in JSON. For more information, see [JSON format specification](#) in the *AWS Well-Architected Tool User Guide*.

A custom lens cannot exceed 500 KB in size.

## Note

### Disclaimer

Do not include or gather personal identifiable information (PII) of end users or other identifiable individuals in or via your custom lenses. If your custom lens or those shared with you and used in your account do include or collect PII you are responsible for: ensuring that the included PII is processed in accordance with applicable law, providing adequate privacy notices, and obtaining necessary consents for processing such data.

## Request Syntax

```
PUT /importLens HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "JSONString": "string",
  "LensAlias": "string",
  "Tags": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

### JSONString

The JSON representation of a lens.

Type: String

Length Constraints: Minimum length of 2. Maximum length of 500000.

Required: Yes

## LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## Tags

Tags to associate to a lens.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensArn": "string",
  "Status": "string"
}
```

```
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensArn

The ARN for the lens that was created or updated.

Type: String

### Status

The status of the imported lens.

Type: String

Valid Values: IN\_PROGRESS | COMPLETE | ERROR

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListAnswers

List of answers for a particular workload and lens.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/answers?  
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken&PillarId=PillarId&Que  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

## NextToken

The token to use to retrieve the next set of results.

## PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

## QuestionPriority

The priority of the question.

Valid Values: PRIORITIZED | NONE

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "AnswerSummaries": [
    {
      "ChoiceAnswerSummaries": [
        {
          "ChoiceId": "string",
          "Reason": "string",
          "Status": "string"
        }
      ]
    }
  ]
}
```

```
],
  "Choices": [
    {
      "AdditionalResources": [
        {
          "Content": [
            {
              "DisplayText": "string",
              "Url": "string"
            }
          ],
          "Type": "string"
        }
      ],
      "ChoiceId": "string",
      "Description": "string",
      "HelpfulResource": {
        "DisplayText": "string",
        "Url": "string"
      },
      "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
      },
      "Title": "string"
    }
  ],
  "IsApplicable": boolean,
  "JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
  },
  "PillarId": "string",
  "QuestionId": "string",
  "QuestionTitle": "string",
  "QuestionType": "string",
  "Reason": "string",
  "Risk": "string",
  "SelectedChoices": [ "string" ]
}
],
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
```

```
"NextToken": "string",  
"WorkloadId": "string"  
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### AnswerSummaries

List of answer summaries of lens review in a workload.

Type: Array of [AnswerSummary](#) objects

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### LensArn

The ARN for the lens.

Type: String

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListCheckDetails

List of Trusted Advisor check details by account related to the workload.

## Request Syntax

```
POST /workloads/WorkloadId/checks HTTP/1.1
Content-type: application/json
```

```
{
  "ChoiceId": "string",
  "LensArn": "string",
  "MaxResults": number,
  "NextToken": "string",
  "PillarId": "string",
  "QuestionId": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

### LensArn

Well-Architected Lens ARN.

Type: String

Required: Yes

### MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

### NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "CheckDetails": [
    {
      "AccountId": "string",
      "ChoiceId": "string",
      "Description": "string",
      "FlaggedResources": number,
      "Id": "string",
      "LensArn": "string",
      "Name": "string",
      "PillarId": "string",
      "Provider": "string",
      "QuestionId": "string",
      "Reason": "string",
      "Status": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### CheckDetails

The details about the Trusted Advisor checks related to the Well-Architected best practice.

Type: Array of [CheckDetail](#) objects

### NextToken

The token to use to retrieve the next set of results.

Type: String

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListCheckSummaries

List of Trusted Advisor checks summarized for all accounts related to the workload.

## Request Syntax

```
POST /workloads/WorkloadId/checkSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "ChoiceId": "string",
  "LensArn": "string",
  "MaxResults": number,
  "NextToken": "string",
  "PillarId": "string",
  "QuestionId": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

### LensArn

Well-Architected Lens ARN.

Type: String

Required: Yes

### MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

### NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: Yes

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "CheckSummaries": [
    {
      "AccountSummary": {
        "string" : number
      },
      "ChoiceId": "string",
      "Description": "string",
      "Id": "string",
      "LensArn": "string",
      "Name": "string",
      "PillarId": "string",
      "Provider": "string",
      "QuestionId": "string",
      "Status": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### CheckSummaries

List of Trusted Advisor summaries related to the Well-Architected best practice.

Type: Array of [CheckSummary](#) objects

### NextToken

The token to use to retrieve the next set of results.

Type: String

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListLenses

List the available lenses.

## Request Syntax

```
GET /lenses?  
LensName=LensName&LensStatus=LensStatus&LensType=LensType&MaxResults=MaxResults&NextToken=NextToken  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensName

The full name of the lens.

Length Constraints: Minimum length of 1. Maximum length of 128.

### LensStatus

The status of lenses to be returned.

Valid Values: ALL | DRAFT | PUBLISHED

### LensType

The type of lenses to be returned.

Valid Values: AWS\_OFFICIAL | CUSTOM\_SHARED | CUSTOM\_SELF

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensSummaries": [
    {
      "CreatedAt": number,
      "Description": "string",
      "LensAlias": "string",
      "LensArn": "string",
      "LensName": "string",
      "LensStatus": "string",
      "LensType": "string",
      "LensVersion": "string",
      "Owner": "string",
      "UpdatedAt": number
    }
  ],
  "NextToken": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensSummaries

List of lens summaries of available lenses.

Type: Array of [LensSummary](#) objects

### NextToken

The token to use to retrieve the next set of results.

Type: String

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ThrottlingException

Request was denied due to request throttling.

#### Message

Description of the error.

#### QuotaCode

Service Quotas requirement to identify originating quota.

#### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### ValidationException

The user input is not valid.

#### Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListLensReviewImprovements

List the improvements of a particular lens review.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews/LensAlias/improvements?  
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken&PillarId=PillarId&Que  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 100.

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

### NextToken

The token to use to retrieve the next set of results.

### PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

### QuestionPriority

The priority of the question.

Valid Values: PRIORITIZED | NONE

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ImprovementSummaries": [
    {
      "ImprovementPlans": [
        {
          "ChoiceId": "string",
```

```
        "DisplayText": "string",
        "ImprovementPlanUrl": "string"
    }
],
"ImprovementPlanUrl": "string",
"JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
},
"PillarId": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Risk": "string"
}
],
"LensAlias": "string",
"LensArn": "string",
"MilestoneNumber": number,
"NextToken": "string",
"WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ImprovementSummaries

List of improvement summaries of lens review in a workload.

Type: Array of [ImprovementSummary](#) objects

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### [LensArn](#)

The ARN for the lens.

Type: String

### [MilestoneNumber](#)

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### [NextToken](#)

The token to use to retrieve the next set of results.

Type: String

### [WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListLensReviews

List lens reviews for a particular workload.

## Request Syntax

```
GET /workloads/WorkloadId/lensReviews?  
MaxResults=MaxResults&MilestoneNumber=MilestoneNumber&NextToken=NextToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Valid Range: Minimum value of 1. Maximum value of 100.

### NextToken

The token to use to retrieve the next set of results.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensReviewSummaries": [
    {
      "LensAlias": "string",
      "LensArn": "string",
      "LensName": "string",
      "LensStatus": "string",
      "LensVersion": "string",
      "PrioritizedRiskCounts": {
        "string" : number
      },
      "Profiles": [
        {
          "ProfileArn": "string",
          "ProfileVersion": "string"
        }
      ],
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number
    }
  ],
  "MilestoneNumber": number,
  "NextToken": "string",
  "WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [LensReviewSummaries](#)

List of lens summaries of lens reviews of a workload.

Type: Array of [LensReviewSummary](#) objects

### **MilestoneNumber**

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

### **NextToken**

The token to use to retrieve the next set of results.

Type: String

### **WorkloadId**

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## **Errors**

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListLensShares

List the lens shares associated with the lens.

## Request Syntax

```
GET /lenses/LensAlias/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### [LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### [MaxResults](#)

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### [NextToken](#)

The token to use to retrieve the next set of results.

### [SharedWithPrefix](#)

The AWS account ID, organization ID, or organizational unit (OU) ID with which the lens is shared.

Length Constraints: Maximum length of 100.

## Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "LensShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ],
  "NextToken": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensShareSummaries

A list of lens share summaries.

Type: Array of [LensShareSummary](#) objects

## NextToken

The token to use to retrieve the next set of results.

Type: String

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListMilestones

List all milestones for an existing workload.

## Request Syntax

```
POST /workloads/WorkloadId/milestonesSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

## NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

## Response Syntax

HTTP/1.1 200

Content-type: application/json

```
{
  "MilestoneSummaries": [
    {
      "MilestoneName": "string",
      "MilestoneNumber": number,
      "RecordedAt": number,
      "WorkloadSummary": {
        "ImprovementStatus": "string",
        "Lenses": [ "string" ],
        "Owner": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "Profiles": [
          {
            "ProfileArn": "string",
            "ProfileVersion": "string"
          }
        ],
        "RiskCounts": {
          "string" : number
        },
        "UpdatedAt": number,
        "WorkloadArn": "string",
        "WorkloadId": "string",
        "WorkloadName": "string"
      }
    }
  ],
  "NextToken": "string",
```

```
"WorkloadId": "string"  
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### MilestoneSummaries

A list of milestone summaries.

Type: Array of [MilestoneSummary](#) objects

### NextToken

The token to use to retrieve the next set of results.

Type: String

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

## **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

## **ThrottlingException**

Request was denied due to request throttling.

### **Message**

Description of the error.

### **QuotaCode**

Service Quotas requirement to identify originating quota.

### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListNotifications

List lens notifications.

## Request Syntax

```
POST /notifications HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string",
  "ResourceArn": "string",
  "WorkloadId": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### [MaxResults](#)

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

### [NextToken](#)

The token to use to retrieve the next set of results.

Type: String

Required: No

## ResourceArn

The ARN for the related resource for the notification.

### Note

Only one of `WorkloadID` or `ResourceARN` should be specified.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn?):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "NotificationSummaries": [
    {
      "LensUpgradeSummary": {
        "CurrentLensVersion": "string",
```

```
    "LatestLensVersion": "string",
    "LensAlias": "string",
    "LensArn": "string",
    "ResourceArn": "string",
    "ResourceName": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  },
  "Type": "string"
}
]
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### NotificationSummaries

List of lens notification summaries in a workload.

Type: Array of [NotificationSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

#### **Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListProfileNotifications

List profile notifications.

## Request Syntax

```
GET /profileNotifications/?
MaxResults=MaxResults&NextToken=NextToken&WorkloadId=WorkloadId HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
```

```
"NextToken": "string",
"NotificationSummaries": [
  {
    "CurrentProfileVersion": "string",
    "LatestProfileVersion": "string",
    "ProfileArn": "string",
    "ProfileName": "string",
    "Type": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
]
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### NotificationSummaries

Notification summaries.

Type: Array of [ProfileNotificationSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

#### **Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListProfiles

List profiles.

## Request Syntax

```
GET /profileSummaries?  
MaxResults=MaxResults&NextToken=NextToken&ProfileNamePrefix=ProfileNamePrefix&ProfileOwnerType=  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### ProfileNamePrefix

An optional string added to the beginning of each profile name returned in the results.

Length Constraints: Maximum length of 100.

### ProfileOwnerType

Profile owner type.

Valid Values: SELF | SHARED

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json

{
  "NextToken": "string",
  "ProfileSummaries": [
    {
      "CreatedAt": number,
      "Owner": "string",
      "ProfileArn": "string",
      "ProfileDescription": "string",
      "ProfileName": "string",
      "ProfileVersion": "string",
      "UpdatedAt": number
    }
  ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### ProfileSummaries

Profile summaries.

Type: Array of [ProfileSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListProfileShares

List profile shares.

## Request Syntax

```
GET /profiles/ProfileArn/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

### SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the profile is shared.

Length Constraints: Maximum length of 100.

### Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ProfileShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### ProfileShareSummaries

Profile share summaries.

Type: Array of ProfileShareSummary objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

### ThrottlingException

Request was denied due to request throttling.

#### Message

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# ListReviewTemplateAnswers

List the answers of a review template.

## Request Syntax

```
GET /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers?  
MaxResults=MaxResults&NextToken=NextToken&PillarId=PillarId HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Length Constraints: Minimum length of 1. Maximum length of 64.

### TemplateArn

The ARN of the review template.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "AnswerSummaries": [
    {
      "AnswerStatus": "string",
      "ChoiceAnswerSummaries": [
        {
          "ChoiceId": "string",
          "Reason": "string",
          "Status": "string"
        }
      ],
      "Choices": [
        {
          "AdditionalResources": [
            {
              "Content": [
                {
                  "DisplayText": "string",
                  "Url": "string"
                }
              ]
            }
          ]
        }
      ]
    }
  ]
}
```

```

        }
      ],
      "Type": "string"
    }
  ],
  "ChoiceId": "string",
  "Description": "string",
  "HelpfulResource": {
    "DisplayText": "string",
    "Url": "string"
  },
  "ImprovementPlan": {
    "DisplayText": "string",
    "Url": "string"
  },
  "Title": "string"
}
],
"IsApplicable": boolean,
"PillarId": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"QuestionType": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
}
],
"LensAlias": "string",
"NextToken": "string",
"TemplateArn": "string"
}

```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### AnswerSummaries

List of answer summaries of a lens review in a review template.

Type: Array of [ReviewTemplateAnswerSummary](#) objects

## LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

## NextToken

The token to use to retrieve the next set of results.

Type: String

## TemplateArn

The ARN of the review template.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

## Fields

The fields that caused the error, if applicable.

## Message

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListReviewTemplates

List review templates.

## Request Syntax

```
GET /reviewTemplates?MaxResults=MaxResults&NextToken=NextToken HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ReviewTemplates": [
    {
      "Description": "string",
      "Lenses": [ "string " ],
      "Owner": "string",
      "TemplateArn": "string",
      "TemplateName": "string",
      "UpdatedAt": number,
    }
  ]
}
```

```
    "UpdateStatus": "string"  
  }  
]  
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### ReviewTemplates

List of review templates.

Type: Array of [ReviewTemplateSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

#### **Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListShareInvitations

List the share invitations.

WorkloadNamePrefix, LensNamePrefix, ProfileNamePrefix, and TemplateNamePrefix are mutually exclusive. Use the parameter that matches your ShareResourceType.

## Request Syntax

```
GET /shareInvitations?
LensNamePrefix=LensNamePrefix&MaxResults=MaxResults&NextToken=NextToken&ProfileNamePrefix=ProfileNamePrefix
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### LensNamePrefix

An optional string added to the beginning of each lens name returned in the results.

Length Constraints: Maximum length of 100.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### ProfileNamePrefix

An optional string added to the beginning of each profile name returned in the results.

Length Constraints: Maximum length of 100.

### ShareResourceType

The type of share invitations to be returned.

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

## TemplateNamePrefix

An optional string added to the beginning of each review template name returned in the results.

Length Constraints: Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

## WorkloadNamePrefix

An optional string added to the beginning of each workload name returned in the results.

Length Constraints: Maximum length of 100.

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "ShareInvitationSummaries": [
    {
      "LensArn": "string",
      "LensName": "string",
      "PermissionType": "string",
      "ProfileArn": "string",
      "ProfileName": "string",
      "SharedBy": "string",
      "SharedWith": "string",
      "ShareInvitationId": "string",
      "ShareResourceType": "string",
      "TemplateArn": "string",
      "TemplateName": "string",
      "WorkloadId": "string",
      "WorkloadName": "string"
    }
  ]
}
```

```
]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### ShareInvitationSummaries

List of share invitation summaries in a workload.

Type: Array of [ShareInvitationSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListTagsForResource

List the tags for a resource.

## Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

## Request Syntax

```
GET /tags/WorkloadArn HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadArn

The ARN for the workload.

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Tags": {
    "string" : "string"
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Tags

The tags for the resource.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

## ResourceType

Type of the resource affected.

HTTP Status Code: 404

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListTemplateShares

List review template shares.

## Request Syntax

```
GET /templates/shares/TemplateArn?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the profile is shared.

Length Constraints: Maximum length of 100.

### Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "TemplateArn": "string",
  "TemplateShareSummaries": [
    {
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

### TemplateShareSummaries

A review template share summary return object.

Type: Array of [TemplateShareSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# ListWorkloads

Paginated list of workloads.

## Request Syntax

```
POST /workloadsSummaries HTTP/1.1
Content-type: application/json
```

```
{
  "MaxResults": number,
  "NextToken": "string",
  "WorkloadNamePrefix": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### MaxResults

The maximum number of results to return for this request.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 50.

Required: No

### NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

### WorkloadNamePrefix

An optional string added to the beginning of each workload name returned in the results.

Type: String

Length Constraints: Maximum length of 100.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "WorkloadSummaries": [
    {
      "ImprovementStatus": "string",
      "Lenses": [ "string" ],
      "Owner": "string",
      "PrioritizedRiskCounts": {
        "string" : number
      },
      "Profiles": [
        {
          "ProfileArn": "string",
          "ProfileVersion": "string"
        }
      ],
      "RiskCounts": {
        "string" : number
      },
      "UpdatedAt": number,
      "WorkloadArn": "string",
      "WorkloadId": "string",
      "WorkloadName": "string"
    }
  ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### WorkloadSummaries

A list of workload summaries.

Type: Array of [WorkloadSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)

- [AWS SDK for Ruby V3](#)

# ListWorkloadShares

List the workload shares associated with the workload.

## Request Syntax

```
GET /workloads/WorkloadId/shares?  
MaxResults=MaxResults&NextToken=NextToken&SharedWithPrefix=SharedWithPrefix&Status=Status  
HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### MaxResults

The maximum number of results to return for this request.

Valid Range: Minimum value of 1. Maximum value of 50.

### NextToken

The token to use to retrieve the next set of results.

### SharedWithPrefix

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload is shared.

Length Constraints: Maximum length of 100.

### Status

The status of the share request.

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "NextToken": "string",
  "WorkloadId": "string",
  "WorkloadShareSummaries": [
    {
      "PermissionType": "string",
      "SharedWith": "string",
      "ShareId": "string",
      "Status": "string",
      "StatusMessage": "string"
    }
  ]
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### NextToken

The token to use to retrieve the next set of results.

Type: String

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## WorkloadShareSummaries

A list of workload share summaries.

Type: Array of [WorkloadShareSummary](#) objects

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

#### **Message**

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# TagResource

Adds one or more tags to the specified resource.

## Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

## Request Syntax

```
POST /tags/WorkloadArn HTTP/1.1
Content-type: application/json
```

```
{
  "Tags": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadArn

The ARN for the workload.

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### Tags

The tags for the resource.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

## HTTP Status Code: 404

### See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UntagResource

Deletes specified tags from a resource.

## Note

The `WorkloadArn` parameter can be a workload ARN, a custom lens ARN, a profile ARN, or review template ARN.

To specify multiple tags, use separate **tagKeys** parameters, for example:

```
DELETE /tags/WorkloadArn?tagKeys=key1&tagKeys=key2
```

## Request Syntax

```
DELETE /tags/WorkloadArn?tagKeys=TagKeys HTTP/1.1
```

## URI Request Parameters

The request uses the following URI parameters.

### TagKeys

A list of tag keys. Existing tags of the resource whose keys are members of this list are removed from the resource.

Array Members: Minimum number of 1 item. Maximum number of 50 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### WorkloadArn

The ARN for the workload.

Required: Yes

## Request Body

The request does not have a request body.

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 404

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateAnswer

Update the answer to a specific question in a workload review.

## Request Syntax

```
PATCH /workloads/WorkloadId/lensReviews/LensAlias/answers/QuestionId HTTP/1.1
Content-type: application/json
```

```
{
  "ChoiceUpdates": {
    "string" : {
      "Notes": "string",
      "Reason": "string",
      "Status": "string"
    }
  },
  "IsApplicable": boolean,
  "Notes": "string",
  "Reason": "string",
  "SelectedChoices": [ "string" ]
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ChoiceUpdates

A list of choices to update on a question in your workload. The String key corresponds to the choice ID to be updated.

Type: String to [ChoiceUpdate](#) object map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### Reason

The reason why a question is not applicable to your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
        "Status": "string"
      }
    ]
  }
}
```

```

    }
  ],
  "Choices": [
    {
      "AdditionalResources": [
        {
          "Content": [
            {
              "DisplayText": "string",
              "Url": "string"
            }
          ],
          "Type": "string"
        }
      ],
      "ChoiceId": "string",
      "Description": "string",
      "HelpfulResource": {
        "DisplayText": "string",
        "Url": "string"
      },
      "ImprovementPlan": {
        "DisplayText": "string",
        "Url": "string"
      },
      "Title": "string"
    }
  ],
  "HelpfulResourceDisplayText": "string",
  "HelpfulResourceUrl": "string",
  "ImprovementPlanUrl": "string",
  "IsApplicable": boolean,
  "JiraConfiguration": {
    "JiraIssueUrl": "string",
    "LastSyncedTime": number
  },
  "Notes": "string",
  "PillarId": "string",
  "QuestionDescription": "string",
  "QuestionId": "string",
  "QuestionTitle": "string",
  "Reason": "string",
  "Risk": "string",
  "SelectedChoices": [ "string" ]

```

```
},  
  "LensAlias": "string",  
  "LensArn": "string",  
  "WorkloadId": "string"  
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### [Answer](#)

An answer of the question.

Type: [Answer](#) object

### [LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### [LensArn](#)

The ARN for the lens.

Type: String

### [WorkloadId](#)

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

## ResourceNotFoundException

The requested resource was not found.

### Message

Description of the error.

### ResourceId

Identifier of the resource affected.

### ResourceType

Type of the resource affected.

HTTP Status Code: 404

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateGlobalSettings

Update whether the AWS account is opted into organization sharing and discovery integration features.

## Request Syntax

```
PATCH /global-settings HTTP/1.1
Content-type: application/json

{
  "DiscoveryIntegrationStatus": "string",
  "JiraConfiguration": {
    "IntegrationStatus": "string",
    "IssueManagementStatus": "string",
    "IssueManagementType": "string",
    "JiraProjectKey": "string"
  },
  "OrganizationSharingStatus": "string"
}
```

## URI Request Parameters

The request does not use any URI parameters.

## Request Body

The request accepts the following data in JSON format.

### DiscoveryIntegrationStatus

The status of discovery support settings.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

### JiraConfiguration

The status of Jira integration settings.

Type: [AccountJiraConfigurationInput](#) object

Required: No

### [OrganizationSharingStatus](#)

The status of organization sharing settings.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

## Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateIntegration

Update integration features.

## Request Syntax

```
POST /workloads/WorkloadId/updateIntegration HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "IntegratingService": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

**⚠ Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: Yes

**IntegratingService**

Which integrated service to update.

Type: String

Valid Values: JIRA

Required: Yes

**Response Syntax**

```
HTTP/1.1 200
```

**Response Elements**

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

**Errors**

For information about the errors that are common to all actions, see [Common Error Types](#).

**AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

#### **Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateLensReview

Update lens review for a particular workload.

## Request Syntax

```
PATCH /workloads/WorkloadId/lensReviews/LensAlias HTTP/1.1
Content-type: application/json
```

```
{
  "JiraConfiguration": {
    "SelectedPillars": [
      {
        "PillarId": "string",
        "SelectedQuestionIds": [ "string" ]
      }
    ]
  },
  "LensNotes": "string",
  "PillarNotes": {
    "string": "string"
  }
}
```

## URI Request Parameters

The request uses the following URI parameters.

### [LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### JiraConfiguration

Configuration of the Jira integration.

Type: [JiraSelectedQuestionConfiguration](#) object

Required: No

### LensNotes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### PillarNotes

List of pillar notes of a lens review in a workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Value Length Constraints: Maximum length of 2084.

Required: No

## Response Syntax

```
HTTP/1.1 200
```

```
Content-type: application/json
```

```
{
  "LensReview": {
    "JiraConfiguration": {
      "SelectedPillars": [
        {
          "PillarId": "string",
          "SelectedQuestionIds": [ "string" ]
        }
      ]
    },
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "PrioritizedRiskCounts": {
          "string" : number
        },
        "RiskCounts": {
          "string" : number
        }
      }
    ]
  },
}
```

```
  "PrioritizedRiskCounts": {
    "string" : number
  },
  "Profiles": [
    {
      "ProfileArn": "string",
      "ProfileVersion": "string"
    }
  ],
  "RiskCounts": {
    "string" : number
  },
  "UpdatedAt": number
},
"WorkloadId": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensReview

A lens review of a question.

Type: [LensReview](#) object

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateProfile

Update a profile.

## Request Syntax

```
PATCH /profiles/ProfileArn HTTP/1.1
Content-type: application/json

{
  "ProfileDescription": "string",
  "ProfileQuestions": [
    {
      "QuestionId": "string",
      "SelectedChoiceIds": [ "string" ]
    }
  ]
}
```

## URI Request Parameters

The request uses the following URI parameters.

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## ProfileQuestions

Profile questions.

Type: Array of [ProfileQuestionUpdate](#) objects

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Profile": {
    "CreatedAt": number,
    "Owner": "string",
    "ProfileArn": "string",
    "ProfileDescription": "string",
    "ProfileName": "string",
    "ProfileQuestions": [
      {
        "MaxSelectedChoices": number,
        "MinSelectedChoices": number,
        "QuestionChoices": [
          {
            "ChoiceDescription": "string",
            "ChoiceId": "string",
            "ChoiceTitle": "string"
          }
        ],
        "QuestionDescription": "string",
        "QuestionId": "string",
        "QuestionTitle": "string",
        "SelectedChoiceIds": [ "string" ]
      }
    ],
    "ProfileVersion": "string",
```

```
  "ShareInvitationId": "string",
  "Tags": {
    "string" : "string"
  },
  "UpdatedAt": number
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Profile

The profile.

Type: [Profile](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

#### **Message**

Description of the error.

HTTP Status Code: 403

### **ConflictException**

The resource has already been processed, was deleted, or is too large.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateReviewTemplate

Update a review template.

## Request Syntax

```
PATCH /reviewTemplates/TemplateArn HTTP/1.1  
Content-type: application/json
```

```
{  
  "Description": "string",  
  "LensesToAssociate": [ "string" ],  
  "LensesToDisassociate": [ "string" ],  
  "Notes": "string",  
  "TemplateName": "string"  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### Description

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_.,:/()@!&?#+'\s]+$`

Required: No

### LensesToAssociate

A list of lens aliases or ARNs to apply to the review template.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensesToDisassociate

A list of lens aliases or ARNs to unapply to the review template. The `wellarchitected` lens cannot be unapplied.

Type: Array of strings

Array Members: Minimum number of 1 item. Maximum number of 10 items.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### TemplateName

The review template name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_.,:/()@!&?#+' '\s]+$`

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ReviewTemplate": {
    "Description": "string",
    "Lenses": [ "string" ],
    "Notes": "string",
    "Owner": "string",
    "QuestionCounts": {
      "string" : number
    },
    "ShareInvitationId": "string",
    "Tags": {
      "string" : "string"
    },
    "TemplateArn": "string",
    "TemplateName": "string",
    "UpdatedAt": number,
    "UpdateStatus": "string"
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ReviewTemplate

A review template.

Type: [ReviewTemplate](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateReviewTemplateAnswer

Update a review template answer.

## Request Syntax

```
PATCH /reviewTemplates/TemplateArn/lensReviews/LensAlias/answers/QuestionId HTTP/1.1  
Content-type: application/json
```

```
{  
  "ChoiceUpdates": {  
    "string" : {  
      "Notes": "string",  
      "Reason": "string",  
      "Status": "string"  
    }  
  },  
  "IsApplicable": boolean,  
  "Notes": "string",  
  "Reason": "string",  
  "SelectedChoices": [ "string" ]  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### QuestionId

The ID of the question.

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### TemplateArn

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ChoiceUpdates

A list of choices to be updated.

Type: String to [ChoiceUpdate](#) object map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### Reason

The update reason.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Answer": {
    "AnswerStatus": "string",
    "ChoiceAnswers": [
      {
        "ChoiceId": "string",
        "Notes": "string",
        "Reason": "string",
```

```
    "Status": "string"
  }
],
"Choices": [
  {
    "AdditionalResources": [
      {
        "Content": [
          {
            "DisplayText": "string",
            "Url": "string"
          }
        ],
        "Type": "string"
      }
    ],
    "ChoiceId": "string",
    "Description": "string",
    "HelpfulResource": {
      "DisplayText": "string",
      "Url": "string"
    },
    "ImprovementPlan": {
      "DisplayText": "string",
      "Url": "string"
    },
    "Title": "string"
  }
],
"HelpfulResourceDisplayText": "string",
"HelpfulResourceUrl": "string",
"ImprovementPlanUrl": "string",
"IsApplicable": boolean,
"Notes": "string",
"PillarId": "string",
"QuestionDescription": "string",
"QuestionId": "string",
"QuestionTitle": "string",
"Reason": "string",
"SelectedChoices": [ "string" ]
},
"LensAlias": "string",
"TemplateArn": "string"
```

```
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Answer

An answer of the question.

Type: [ReviewTemplateAnswer](#) object

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\\d:\\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateReviewTemplateLensReview

Update a lens review associated with a review template.

## Request Syntax

```
PATCH /reviewTemplates/TemplateArn/lensReviews/LensAlias HTTP/1.1
Content-type: application/json
```

```
{
  "LensNotes": "string",
  "PillarNotes": {
    "string" : "string"
  }
}
```

## URI Request Parameters

The request uses the following URI parameters.

### [LensAlias](#)

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### [TemplateArn](#)

The review template ARN.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### LensNotes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### PillarNotes

List of pillar notes of a lens review in a workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String to string map

Key Length Constraints: Minimum length of 1. Maximum length of 64.

Value Length Constraints: Maximum length of 2084.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json
```

```
{
  "LensReview": {
    "LensAlias": "string",
    "LensArn": "string",
    "LensName": "string",
    "LensStatus": "string",
    "LensVersion": "string",
    "NextToken": "string",
    "Notes": "string",
    "PillarReviewSummaries": [
      {
        "Notes": "string",
        "PillarId": "string",
        "PillarName": "string",
        "QuestionCounts": {
          "string" : number
        }
      }
    ],
    "QuestionCounts": {
      "string" : number
    },
    "UpdatedAt": number
  },
  "TemplateArn": "string"
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### LensReview

A lens review of a question.

Type: [ReviewTemplateLensReview](#) object

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

## ResourceNotFoundException

The requested resource was not found.

### Message

Description of the error.

### ResourceId

Identifier of the resource affected.

### ResourceType

Type of the resource affected.

HTTP Status Code: 404

## ThrottlingException

Request was denied due to request throttling.

### Message

Description of the error.

### QuotaCode

Service Quotas requirement to identify originating quota.

### ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateShareInvitation

Update a workload or custom lens share invitation.

## Note

This API operation can be called independently of any resource. Previous documentation implied that a workload ARN must be specified.

## Request Syntax

```
PATCH /shareInvitations/ShareInvitationId HTTP/1.1  
Content-type: application/json
```

```
{  
  "ShareInvitationAction": "string"  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### ShareInvitationId

The ID assigned to the share invitation.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ShareInvitationAction

Share invitation action taken by contributor.

Type: String

Valid Values: ACCEPT | REJECT

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "ShareInvitation": {
    "LensAlias": "string",
    "LensArn": "string",
    "ProfileArn": "string",
    "ShareInvitationId": "string",
    "ShareResourceType": "string",
    "TemplateArn": "string",
    "WorkloadId": "string"
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### ShareInvitation

The updated workload or custom lens share invitation.

Type: [ShareInvitation](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### **AccessDeniedException**

User does not have sufficient access to perform this action.

**Message**

Description of the error.

HTTP Status Code: 403

**ConflictException**

The resource has already been processed, was deleted, or is too large.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 409

**InternalServerErrorException**

There is a problem with the AWS Well-Architected Tool API service.

**Message**

Description of the error.

HTTP Status Code: 500

**ResourceNotFoundException**

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ThrottlingException**

Request was denied due to request throttling.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

### **ValidationException**

The user input is not valid.

#### **Fields**

The fields that caused the error, if applicable.

#### **Message**

Description of the error.

#### **Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)

- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateWorkload

Update an existing workload.

## Request Syntax

```
PATCH /workloads/WorkloadId HTTP/1.1
Content-type: application/json

{
  "AccountIds": [ string ],
  "Applications": [ string ],
  "ArchitecturalDesign": string,
  "AwsRegions": [ string ],
  "Description": string,
  "DiscoveryConfig": {
    "TrustedAdvisorIntegrationStatus": string,
    "WorkloadResourceDefinition": [ string ]
  },
  "Environment": string,
  "ImprovementStatus": string,
  "Industry": string,
  "IndustryType": string,
  "IsReviewOwnerUpdateAcknowledged": boolean,
  "JiraConfiguration": {
    "IssueManagementStatus": string,
    "IssueManagementType": string,
    "JiraProjectKey": string
  },
  "NonAwsRegions": [ string ],
  "Notes": string,
  "PillarPriorities": [ string ],
  "ReviewOwner": string,
  "WorkloadName": string
}
```

## URI Request Parameters

The request uses the following URI parameters.

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### Applications

List of AppRegistry application ARNs to associate to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/applications/[a-z0-9]+`

Required: No

### ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[^\s/$.?\#].[\s]*)$`

Required: No

### AwsRegions

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

### Description

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: No

### DiscoveryConfig

Well-Architected discovery configuration settings to associate to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

### Environment

The environment for the workload.

Type: String

Valid Values: `PRODUCTION` | `PREPRODUCTION`

Required: No

## ImprovementStatus

The improvement status for a workload.

Type: String

Valid Values: NOT\_APPLICABLE | NOT\_STARTED | IN\_PROGRESS | COMPLETE | RISK\_ACKNOWLEDGED

Required: No

## Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

## IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech

- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment
- Mining & Resources
- Oil & Gas
- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

### IsReviewOwnerUpdateAcknowledged

Flag indicating whether the workload owner has acknowledged that the *Review owner* field is required.

If a **Review owner** is not added to the workload within 60 days of acknowledgement, access to the workload is restricted until an owner is added.

Type: Boolean

Required: No

### JiraConfiguration

Configuration of the Jira integration.

Type: [WorkloadJiraConfigurationInput](#) object

Required: No

## NonAwsRegions

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

## Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

## PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "Workload": {
    "AccountIds": [ "string" ],
    "Applications": [ "string" ],
    "ArchitecturalDesign": "string",
    "AwsRegions": [ "string" ],
    "Description": "string",
    "DiscoveryConfig": {
      "TrustedAdvisorIntegrationStatus": "string",
      "WorkloadResourceDefinition": [ "string" ]
    },
    "Environment": "string",
    "ImprovementStatus": "string",
    "Industry": "string",
    "IndustryType": "string",
    "IsReviewOwnerUpdateAcknowledged": boolean,
    "JiraConfiguration": {
      "IssueManagementStatus": "string",
      "IssueManagementType": "string",
      "JiraProjectKey": "string",
      "StatusMessage": "string"
    },
    "Lenses": [ "string" ],
    "NonAwsRegions": [ "string" ],
    "Notes": "string",
```

```
"Owner": "string",
"PillarPriorities": [ "string" ],
"PrioritizedRiskCounts": {
  "string" : number
},
"Profiles": [
  {
    "ProfileArn": "string",
    "ProfileVersion": "string"
  }
],
"ReviewOwner": "string",
"ReviewRestrictionDate": number,
"RiskCounts": {
  "string" : number
},
"ShareInvitationId": "string",
"Tags": {
  "string" : "string"
},
"UpdatedAt": number,
"WorkloadArn": "string",
"WorkloadId": "string",
"WorkloadName": "string"
}
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### Workload

A workload return object.

Type: [Workload](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpdateWorkloadShare

Update a workload share.

## Request Syntax

```
PATCH /workloads/WorkloadId/shares/ShareId HTTP/1.1  
Content-type: application/json
```

```
{  
  "PermissionType": "string"  
}
```

## URI Request Parameters

The request uses the following URI parameters.

### ShareId

The ID associated with the share.

Pattern: `[0-9a-f]{32}`

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: Yes

## Response Syntax

```
HTTP/1.1 200
Content-type: application/json

{
  "WorkloadId": "string",
  "WorkloadShare": {
    "PermissionType": "string",
    "SharedBy": "string",
    "SharedWith": "string",
    "ShareId": "string",
    "Status": "string",
    "WorkloadId": "string",
    "WorkloadName": "string"
  }
}
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response.

The following data is returned in JSON format by the service.

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: [0-9a-f]{32}

### WorkloadShare

A workload share return object.

Type: [WorkloadShare](#) object

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpgradeLensReview

Upgrade lens review for a particular workload.

## Request Syntax

```
PUT /workloads/WorkloadId/lensReviews/LensAlias/upgrade HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: No

### MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: Yes

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### **ResourceNotFoundException**

The requested resource was not found.

#### **Message**

Description of the error.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

HTTP Status Code: 404

### **ServiceQuotaExceededException**

The user has reached their resource quota.

#### **Message**

Description of the error.

#### **QuotaCode**

Service Quotas requirement to identify originating quota.

#### **ResourceId**

Identifier of the resource affected.

#### **ResourceType**

Type of the resource affected.

#### **ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

### **ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)

- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpgradeProfileVersion

Upgrade a profile.

## Request Syntax

```
PUT /workloads/WorkloadId/profiles/ProfileArn/upgrade HTTP/1.1
Content-type: application/json
```

```
{
  "ClientRequestToken": "string",
  "MilestoneName": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### ProfileArn

The profile ARN.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: Yes

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

## ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

### **Important**

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\x00-\x7F]*$`

Required: No

## MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

### AccessDeniedException

User does not have sufficient access to perform this action.

#### Message

Description of the error.

HTTP Status Code: 403

### ConflictException

The resource has already been processed, was deleted, or is too large.

#### Message

Description of the error.

#### ResourceId

Identifier of the resource affected.

#### ResourceType

Type of the resource affected.

HTTP Status Code: 409

### InternalServerError

There is a problem with the AWS Well-Architected Tool API service.

#### Message

Description of the error.

HTTP Status Code: 500

### ResourceNotFoundException

The requested resource was not found.

**Message**

Description of the error.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ServiceQuotaExceededException**

The user has reached their resource quota.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 402

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

## ServiceCode

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

## ValidationException

The user input is not valid.

### Fields

The fields that caused the error, if applicable.

### Message

Description of the error.

### Reason

The reason why the request failed validation.

HTTP Status Code: 400

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)
- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# UpgradeReviewTemplateLensReview

Upgrade the lens review of a review template.

## Request Syntax

```
PUT /reviewTemplates/TemplateArn/lensReviews/LensAlias/upgrade HTTP/1.1
Content-type: application/json

{
  "ClientRequestToken": "string"
}
```

## URI Request Parameters

The request uses the following URI parameters.

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: Yes

### TemplateArn

The ARN of the review template.

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: Yes

## Request Body

The request accepts the following data in JSON format.

### ClientRequestToken

A unique case-sensitive string used to ensure that this request is idempotent (executes only once).

You should not reuse the same token for other requests. If you retry a request with the same client request token and the same parameters after the original request has completed successfully, the result of the original request is returned.

#### Important

This token is listed as required, however, if you do not specify it, the AWS SDKs automatically generate one for you. If you are not using the AWS SDK or the AWS CLI, you must provide this token or the request will fail.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Pattern: `^[\\x00-\\x7F]*$`

Required: No

## Response Syntax

```
HTTP/1.1 200
```

## Response Elements

If the action is successful, the service sends back an HTTP 200 response with an empty HTTP body.

## Errors

For information about the errors that are common to all actions, see [Common Error Types](#).

## **AccessDeniedException**

User does not have sufficient access to perform this action.

### **Message**

Description of the error.

HTTP Status Code: 403

## **ConflictException**

The resource has already been processed, was deleted, or is too large.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

### **ResourceType**

Type of the resource affected.

HTTP Status Code: 409

## **InternalServerError**

There is a problem with the AWS Well-Architected Tool API service.

### **Message**

Description of the error.

HTTP Status Code: 500

## **ResourceNotFoundException**

The requested resource was not found.

### **Message**

Description of the error.

### **ResourceId**

Identifier of the resource affected.

**ResourceType**

Type of the resource affected.

HTTP Status Code: 404

**ThrottlingException**

Request was denied due to request throttling.

**Message**

Description of the error.

**QuotaCode**

Service Quotas requirement to identify originating quota.

**ServiceCode**

Service Quotas requirement to identify originating service.

HTTP Status Code: 429

**ValidationException**

The user input is not valid.

**Fields**

The fields that caused the error, if applicable.

**Message**

Description of the error.

**Reason**

The reason why the request failed validation.

HTTP Status Code: 400

**See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS Command Line Interface V2](#)

- [AWS SDK for .NET V4](#)
- [AWS SDK for C++](#)
- [AWS SDK for Go v2](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for JavaScript V3](#)
- [AWS SDK for Kotlin](#)
- [AWS SDK for PHP V3](#)
- [AWS SDK for Python](#)
- [AWS SDK for Ruby V3](#)

# Data Types

The AWS Well-Architected Tool API contains several data types that various actions use. This section describes each data type in detail.

## Note

The order of each element in a data type structure is not guaranteed. Applications should not assume a particular order.

The following data types are supported:

- [AccountJiraConfigurationInput](#)
- [AccountJiraConfigurationOutput](#)
- [AdditionalResources](#)
- [Answer](#)
- [AnswerSummary](#)
- [BestPractice](#)
- [CheckDetail](#)
- [CheckSummary](#)
- [Choice](#)
- [ChoiceAnswer](#)
- [ChoiceAnswerSummary](#)
- [ChoiceContent](#)
- [ChoiceImprovementPlan](#)
- [ChoiceUpdate](#)
- [ConsolidatedReportMetric](#)
- [ImprovementSummary](#)
- [JiraConfiguration](#)
- [JiraSelectedQuestionConfiguration](#)
- [Lens](#)
- [LensMetric](#)

- [LensReview](#)
- [LensReviewReport](#)
- [LensReviewSummary](#)
- [LensShareSummary](#)
- [LensSummary](#)
- [LensUpgradeSummary](#)
- [Milestone](#)
- [MilestoneSummary](#)
- [NotificationSummary](#)
- [PillarDifference](#)
- [PillarMetric](#)
- [PillarReviewSummary](#)
- [Profile](#)
- [ProfileChoice](#)
- [ProfileNotificationSummary](#)
- [ProfileQuestion](#)
- [ProfileQuestionUpdate](#)
- [ProfileShareSummary](#)
- [ProfileSummary](#)
- [ProfileTemplate](#)
- [ProfileTemplateChoice](#)
- [ProfileTemplateQuestion](#)
- [QuestionDifference](#)
- [QuestionMetric](#)
- [ReviewTemplate](#)
- [ReviewTemplateAnswer](#)
- [ReviewTemplateAnswerSummary](#)
- [ReviewTemplateLensReview](#)
- [ReviewTemplatePillarReviewSummary](#)
- [ReviewTemplateSummary](#)

- [SelectedPillar](#)
- [ShareInvitation](#)
- [ShareInvitationSummary](#)
- [TemplateShareSummary](#)
- [ValidationExceptionField](#)
- [VersionDifferences](#)
- [Workload](#)
- [WorkloadDiscoveryConfig](#)
- [WorkloadJiraConfigurationInput](#)
- [WorkloadJiraConfigurationOutput](#)
- [WorkloadProfile](#)
- [WorkloadShare](#)
- [WorkloadShareSummary](#)
- [WorkloadSummary](#)

# AccountJiraConfigurationInput

Account-level: Input for the Jira configuration.

## Contents

### IntegrationStatus

Account-level: Configuration status of the Jira integration.

Type: String

Valid Values: NOT\_CONFIGURED

Required: No

### IssueManagementStatus

Account-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

### IssueManagementType

Account-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

### JiraProjectKey

Account-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# AccountJiraConfigurationOutput

Account-level: Output configuration of the Jira integration.

## Contents

### IntegrationStatus

Account-level: Configuration status of the Jira integration.

Type: String

Valid Values: CONFIGURED | NOT\_CONFIGURED

Required: No

### IssueManagementStatus

Account-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

### IssueManagementType

Account-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

### JiraProjectKey

Account-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

### **StatusMessage**

Account-level: Status message on configuration of the Jira integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **Subdomain**

Account-level: Jira subdomain URL.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

## AdditionalResources

The choice level additional resources for a custom lens.

This field does not apply to AWS official lenses.

### Contents

#### Content

The URLs for additional resources, either helpful resources or improvement plans, for a custom lens. Up to five additional URLs can be specified.

Type: Array of [ChoiceContent](#) objects

Required: No

#### Type

Type of additional resource for a custom lens.

Type: String

Valid Values: HELPFUL\_RESOURCE | IMPROVEMENT\_PLAN

Required: No

### See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Answer

An answer of the question.

## Contents

### ChoiceAnswers

A list of selected choices to a question in your workload.

Type: Array of [ChoiceAnswer](#) objects

Required: No

### Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

### HelpfulResourceDisplayText

The helpful resource text to be displayed for a custom lens.

This field does not apply to AWS official lenses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### HelpfulResourceUrl

The helpful resource URL.

For AWS official lenses, this is the helpful resource URL for a question or choice.

For custom lenses, this is the helpful resource URL for a question and is only provided if `HelpfulResourceDisplayText` was specified for the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### **ImprovementPlanUrl**

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### **IsApplicable**

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### **JiraConfiguration**

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

### **Notes**

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### **PillarId**

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **QuestionDescription**

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### **QuestionId**

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **Reason**

The reason why the question is not applicable to your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

## Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Required: No

## SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# AnswerSummary

An answer summary of a lens review in a workload.

## Contents

### ChoiceAnswerSummaries

A list of selected choices to a question in your workload.

Type: Array of [ChoiceAnswerSummary](#) objects

Required: No

### Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

### IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### JiraConfiguration

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

### PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **QuestionId**

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **QuestionType**

The type of the question.

Type: String

Valid Values: PRIORITIZED | NON\_PRIORITIZED

Required: No

### **Reason**

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### **Risk**

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Required: No

### **SelectedChoices**

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# BestPractice

A best practice, or question choice, that has been identified as a risk in this question.

## Contents

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# CheckDetail

Account details for a Well-Architected best practice in relation to Trusted Advisor checks.

## Contents

### AccountId

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Description

Trusted Advisor check description.

Type: String

Required: No

### FlaggedResources

Count of flagged resources associated to the check.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 9999.

Required: No

**Id**

Trusted Advisor check ID.

Type: String

Required: No

**LensArn**

Well-Architected Lens ARN associated to the check.

Type: String

Required: No

**Name**

Trusted Advisor check name.

Type: String

Required: No

**PillarId**

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

**Provider**

Provider of the check related to the best practice.

Type: String

Valid Values: TRUSTED\_ADVISOR

Required: No

## QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## Reason

Reason associated to the check.

Type: String

Valid Values: ASSUME\_ROLE\_ERROR | ACCESS\_DENIED | UNKNOWN\_ERROR | PREMIUM\_SUPPORT\_REQUIRED

Required: No

## Status

Status associated to the check.

Type: String

Valid Values: OKAY | WARNING | ERROR | NOT\_AVAILABLE | FETCH\_FAILED

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# CheckSummary

Trusted Advisor check summary.

## Contents

### AccountSummary

Account summary associated to the check.

Type: String to integer map

Valid Keys: OKAY | WARNING | ERROR | NOT\_AVAILABLE | FETCH\_FAILED

Valid Range: Minimum value of 1. Maximum value of 101.

Required: No

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Description

Trusted Advisor check description.

Type: String

Required: No

### Id

Trusted Advisor check ID.

Type: String

Required: No

### LensArn

Well-Architected Lens ARN associated to the check.

Type: String

Required: No

### **Name**

Trusted Advisor check name.

Type: String

Required: No

### **PillarId**

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **Provider**

Provider of the check related to the best practice.

Type: String

Valid Values: TRUSTED\_ADVISOR

Required: No

### **QuestionId**

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **Status**

Status associated to the check.

Type: String

Valid Values: OKAY | WARNING | ERROR | NOT\_AVAILABLE | FETCH\_FAILED

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Choice

A choice available to answer question.

## Contents

### AdditionalResources

The additional resources for a choice in a custom lens.

A choice can have up to two additional resources: one of type HELPFUL\_RESOURCE, one of type IMPROVEMENT\_PLAN, or both.

Type: Array of [AdditionalResources](#) objects

Required: No

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Description

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### HelpfulResource

The helpful resource (both text and URL) for a particular choice.

This field only applies to custom lenses. Each choice can have only one helpful resource.

Type: [ChoiceContent](#) object

Required: No

## ImprovementPlan

The improvement plan (both text and URL) for a particular choice.

This field only applies to custom lenses. Each choice can have only one improvement plan.

Type: [ChoiceContent](#) object

Required: No

## Title

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ChoiceAnswer

A choice that has been answered on a question in your workload.

## Contents

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Notes

The notes associated with a choice.

Type: String

Length Constraints: Maximum length of 250.

Required: No

### Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT\_APPLICABLE | UNSELECTED

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ChoiceAnswerSummary

A choice summary that has been answered on a question in your workload.

## Contents

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT\_APPLICABLE | UNSELECTED

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ChoiceContent

The choice content.

## Contents

### DisplayText

The display text for the choice content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### Url

The URL for the choice content.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ChoiceImprovementPlan

The choice level improvement plan.

This value is only applicable to custom lenses.

## Contents

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### DisplayText

The display text for the improvement plan.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ChoiceUpdate

A list of choices to be updated.

## Contents

### Status

The status of a choice.

Type: String

Valid Values: SELECTED | NOT\_APPLICABLE | UNSELECTED

Required: Yes

### Notes

The notes associated with a choice.

Type: String

Length Constraints: Maximum length of 250.

Required: No

### Reason

The reason why a choice is non-applicable to a question in your workload.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ConsolidatedReportMetric

A metric that contributes to the consolidated report.

## Contents

### Lenses

The metrics for the lenses in the workload.

Type: Array of [LensMetric](#) objects

Required: No

### LensesAppliedCount

The total number of lenses applied to the workload.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### MetricType

The metric type of a metric in the consolidated report. Currently only WORKLOAD metric types are supported.

Type: String

Valid Values: WORKLOAD

Required: No

### RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## WorkloadArn

The ARN for the workload.

Type: String

Required: No

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ImprovementSummary

An improvement summary of a lens review in a workload.

## Contents

### ImprovementPlans

The improvement plan details.

This value is only applicable to custom lenses.

Type: Array of [ChoiceImprovementPlan](#) objects

Required: No

### ImprovementPlanUrl

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### JiraConfiguration

Configuration of the Jira integration.

Type: [JiraConfiguration](#) object

Required: No

### PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# JiraConfiguration

Configuration of the Jira integration.

## Contents

### JiraIssueUrl

The URL of the associated Jira issue.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### LastSyncedTime

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# JiraSelectedQuestionConfiguration

Selected questions in the workload.

## Contents

### SelectedPillars

Selected pillars in the workload.

Type: Array of [SelectedPillar](#) objects

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Lens

A lens return object.

## Contents

### Description

The description of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### LensArn

The ARN of a lens.

Type: String

Required: No

### LensVersion

The version of a lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

### Name

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Owner

The AWS account ID that owns the lens.

Type: String

Required: No

### **ShareInvitationId**

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### **Tags**

The tags assigned to the lens.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensMetric

A metric for a particular lens in a workload.

## Contents

### LensArn

The lens ARN.

Type: String

Required: No

### Pillars

The metrics for the pillars in a lens.

Type: Array of [PillarMetric](#) objects

Required: No

### RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



# LensReview

A lens review of a question.

## Contents

### JiraConfiguration

Jira configuration status of the Lens review.

Type: [JiraSelectedQuestionConfiguration](#) object

Required: No

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensArn

The ARN for the lens.

Type: String

Required: No

### LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **LensStatus**

The status of the lens.

Type: String

Valid Values: CURRENT | NOT\_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

### **LensVersion**

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

### **NextToken**

The token to use to retrieve the next set of results.

Type: String

Required: No

### **Notes**

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

## PillarReviewSummaries

List of pillar review summaries of lens review in a workload.

Type: Array of [PillarReviewSummary](#) objects

Required: No

## PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## Profiles

The profiles associated with the workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

## RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensReviewReport

A report of a lens review.

## Contents

### Base64String

The Base64-encoded string representation of a lens review report.

This data can be used to create a PDF file.

Only returned by [GetConsolidatedReport](#) when PDF format is requested.

Type: String

Required: No

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensArn

The ARN for the lens.

Type: String

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensReviewSummary

A lens review summary of a workload.

## Contents

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensArn

The ARN for the lens.

Type: String

Required: No

### LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT\_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

## LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

## PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## Profiles

The profiles associated with the workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

## RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensShareSummary

A lens share summary return object.

## Contents

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

### StatusMessage

Optional message to compliment the Status field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensSummary

A lens summary of a lens.

## Contents

### CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### Description

The description of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## **LensArn**

The ARN of the lens.

Type: String

Required: No

## **LensName**

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## **LensStatus**

The status of the lens.

Type: String

Valid Values: CURRENT | NOT\_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

## **LensType**

The type of the lens.

Type: String

Valid Values: AWS\_OFFICIAL | CUSTOM\_SHARED | CUSTOM\_SELF

Required: No

## **LensVersion**

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

## Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# LensUpgradeSummary

Lens upgrade summary return object.

## Contents

### CurrentLensVersion

The current version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

### LatestLensVersion

The latest version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## LensArn

The ARN for the lens.

Type: String

Required: No

## ResourceArn

ResourceArn of the lens being upgraded

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

## ResourceName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Milestone

A milestone return object.

## Contents

### MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

### RecordedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### Workload

A workload return object.

Type: [Workload](#) object

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# MilestoneSummary

A milestone summary return object.

## Contents

### MilestoneName

The name of the milestone in a workload.

Milestone names must be unique within a workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### MilestoneNumber

The milestone number.

A workload can have a maximum of 100 milestones.

Type: Integer

Valid Range: Minimum value of 1. Maximum value of 100.

Required: No

### RecordedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### WorkloadSummary

A workload summary return object.

Type: [WorkloadSummary](#) object

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# NotificationSummary

A notification summary return object.

## Contents

### LensUpgradeSummary

Summary of lens upgrade.

Type: [LensUpgradeSummary](#) object

Required: No

### Type

The type of notification.

Type: String

Valid Values: LENS\_VERSION\_UPGRADED | LENS\_VERSION\_DEPRECATED

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# PillarDifference

A pillar difference return object.

## Contents

### DifferenceStatus

Indicates the type of change to the pillar.

Type: String

Valid Values: UPDATED | NEW | DELETED

Required: No

### PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### QuestionDifferences

List of question differences.

Type: Array of [QuestionDifference](#) objects

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# PillarMetric

A metric for a particular pillar in a lens.

## Contents

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### Questions

The questions that have been identified as risks in the pillar.

Type: Array of [QuestionMetric](#) objects

Required: No

### RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# PillarReviewSummary

A pillar review summary of a lens review.

## Contents

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

### **RiskCounts**

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Profile

A profile.

## Contents

### CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

### ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### **ProfileName**

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### **ProfileQuestions**

Profile questions.

Type: Array of [ProfileQuestion](#) objects

Required: No

### **ProfileVersion**

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

### **ShareInvitationId**

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### **Tags**

The tags assigned to the profile.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

### **UpdatedAt**

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileChoice

The profile choice.

## Contents

### ChoiceDescription

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

# ProfileNotificationSummary

The profile notification summary.

## Contents

### CurrentProfileVersion

The current profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

### LatestProfileVersion

The latest profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

### ProfileName

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## Type

Type of notification.

Type: String

Valid Values: PROFILE\_ANSWERS\_UPDATED | PROFILE\_DELETED

Required: No

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileQuestion

A profile question.

## Contents

### MaxSelectedChoices

The maximum number of selected choices.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### MinSelectedChoices

The minimum number of selected choices.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### QuestionChoices

The question choices.

Type: Array of [ProfileChoice](#) objects

Required: No

### QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **SelectedChoiceIds**

The selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileQuestionUpdate

An update to a profile question.

## Contents

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### SelectedChoiceIds

The selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileShareSummary

Summary of a profile share.

## Contents

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

### StatusMessage

Profile share invitation status message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileSummary

Summary of a profile.

## Contents

### CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+\d:\d{12}:profile/[a-z0-9]+`

Required: No

### ProfileDescription

The profile description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### **ProfileName**

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### **ProfileVersion**

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

### **UpdatedAt**

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileTemplate

The profile template.

## Contents

### CreatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### TemplateName

The name of the profile template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### TemplateQuestions

Profile template questions.

Type: Array of [ProfileTemplateQuestion](#) objects

Required: No

### UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ProfileTemplateChoice

A profile template choice.

## Contents

### ChoiceDescription

The description of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### ChoiceId

The ID of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### ChoiceTitle

The title of a choice.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

# ProfileTemplateQuestion

A profile template question.

## Contents

### MaxSelectedChoices

The maximum number of choices selected.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### MinSelectedChoices

The minimum number of choices selected.

Type: Integer

Valid Range: Minimum value of 0.

Required: No

### QuestionChoices

The question choices.

Type: Array of [ProfileTemplateChoice](#) objects

Required: No

### QuestionDescription

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# QuestionDifference

A question difference return object.

## Contents

### DifferenceStatus

Indicates the type of change to the question.

Type: String

Valid Values: UPDATED | NEW | DELETED

Required: No

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### QuestionTitle

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

# QuestionMetric

A metric for a particular question in the pillar.

## Contents

### BestPractices

The best practices, or choices, that have been identified as contributing to risk in a question.

Type: Array of [BestPractice](#) objects

Required: No

### QuestionId

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Risk

The risk for a given workload, lens review, pillar, or question.

Type: String

Valid Values: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)



# ReviewTemplate

A review template.

## Contents

### Description

The review template description.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: No

### Lenses

The lenses applied to the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### **QuestionCounts**

A count of how many total questions are answered and unanswered in the review template.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

### **ShareInvitationId**

The ID assigned to the template share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### **Tags**

The tags assigned to the review template.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

### **TemplateArn**

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

## TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_.,:/()@!&?#+' '\s]+$`

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## UpdateStatus

The latest status of a review template.

Type: String

Valid Values: CURRENT | LENS\_NOT\_CURRENT

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)

- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ReviewTemplateAnswer

An answer of the question.

## Contents

### AnswerStatus

The status of whether or not this question has been answered.

Type: String

Valid Values: UNANSWERED | ANSWERED

Required: No

### ChoiceAnswers

A list of selected choices to a question in your review template.

Type: Array of [ChoiceAnswer](#) objects

Required: No

### Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

### HelpfulResourceDisplayText

The helpful resource text to be displayed for a custom lens.

#### Note

This field does not apply to AWS official lenses.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **HelpfulResourceUrl**

The helpful resource URL.

For AWS official lenses, this is the helpful resource URL for a question or choice.

For custom lenses, this is the helpful resource URL for a question and is only provided if `HelpfulResourceDisplayText` was specified for the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### **ImprovementPlanUrl**

The improvement plan URL for a question in an AWS official lenses.

This value is only available if the question has been answered.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 2048.

Required: No

### **IsApplicable**

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### **Notes**

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### **PillarId**

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **QuestionDescription**

The description of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 1024.

Required: No

### **QuestionId**

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **Reason**

The reason why the question is not applicable to your review template.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

### **SelectedChoices**

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ReviewTemplateAnswerSummary

The summary of review template answers.

## Contents

### AnswerStatus

The status of whether or not this question has been answered.

Type: String

Valid Values: UNANSWERED | ANSWERED

Required: No

### ChoiceAnswerSummaries

A list of selected choices to a question in the review template.

Type: Array of [ChoiceAnswerSummary](#) objects

Required: No

### Choices

List of choices available for a question.

Type: Array of [Choice](#) objects

Required: No

### IsApplicable

Defines whether this question is applicable to a lens review.

Type: Boolean

Required: No

### PillarId

The ID used to identify a pillar, for example, security.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### **QuestionId**

The ID of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **QuestionTitle**

The title of the question.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

### **QuestionType**

The type of question.

Type: String

Valid Values: PRIORITIZED | NON\_PRIORITIZED

Required: No

### **Reason**

The reason why a choice is not-applicable to a question in the review template.

Type: String

Valid Values: OUT\_OF\_SCOPE | BUSINESS\_PRIORITIES | ARCHITECTURE\_CONSTRAINTS  
| OTHER | NONE

Required: No

## SelectedChoices

List of selected choice IDs in a question answer.

The values entered replace the previously selected choices.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ReviewTemplateLensReview

The lens review of a review template.

## Contents

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensArn

The lens ARN.

Type: String

Required: No

### LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

## LensStatus

The status of the lens.

Type: String

Valid Values: CURRENT | NOT\_CURRENT | DEPRECATED | DELETED | UNSHARED

Required: No

## LensVersion

The version of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Required: No

## NextToken

The token to use to retrieve the next set of results.

Type: String

Required: No

## Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

## PillarReviewSummaries

Pillar review summaries of a lens review.

Type: Array of [ReviewTemplatePillarReviewSummary](#) objects

Required: No

## QuestionCounts

A count of how many questions are answered and unanswered in the lens review.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ReviewTemplatePillarReviewSummary

Summary of a review template.

## Contents

### Notes

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### PillarName

The name of the pillar.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### QuestionCounts

A count of how many questions are answered and unanswered in the requested pillar of the lens review.

Type: String to integer map

Valid Keys: UNANSWERED | ANSWERED

Valid Range: Minimum value of 0.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ReviewTemplateSummary

Summary of a review template.

## Contents

### Description

Description of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+$`

Required: No

### Lenses

Lenses associated with the review template.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn):wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+-\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

### TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+'\s]+$`

Required: No

### UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### UpdateStatus

The latest status of a review template.

Type: String

Valid Values: CURRENT | LENS\_NOT\_CURRENT

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)

- [AWS SDK for Ruby V3](#)

# SelectedPillar

The selected pillar.

## Contents

### PillarId

The ID used to identify a pillar, for example, `security`.

A pillar is identified by its [PillarReviewSummary:PillarId](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

### SelectedQuestionIds

Selected question IDs in the selected pillar.

Type: Array of strings

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ShareInvitation

The share invitation.

## Contents

### LensAlias

The alias of the lens.

For AWS official lenses, this is either the lens alias, such as `serverless`, or the lens ARN, such as `arn:aws:wellarchitected:us-east-1::lens/serverless`. Note that some operations (such as `ExportLens` and `CreateLensShare`) are not permitted on AWS official lenses.

For custom lenses, this is the lens ARN, such as `arn:aws:wellarchitected:us-west-2:123456789012:lens/0123456789abcdef01234567890abcdef`.

Each lens is identified by its [LensSummary:LensAlias](#).

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### LensArn

The ARN for the lens.

Type: String

Required: No

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

### **ShareInvitationId**

The ID assigned to the share invitation.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### **ShareResourceType**

The resource type of the share invitation.

Type: String

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

Required: No

### **TemplateArn**

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

### **WorkloadId**

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ShareInvitationSummary

A share invitation summary return object.

## Contents

### LensArn

The ARN for the lens.

Type: String

Required: No

### LensName

The full name of the lens.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

### **ProfileName**

The profile name.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

### **SharedBy**

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

### **SharedWith**

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### **ShareInvitationId**

The ID assigned to the share invitation.

Type: String

Pattern: [0-9a-f]{32}

Required: No

### **ShareResourceType**

The resource type of the share invitation.

Type: String

Valid Values: WORKLOAD | LENS | PROFILE | TEMPLATE

Required: No

### TemplateArn

The review template ARN.

Type: String

Length Constraints: Minimum length of 50. Maximum length of 250.

Pattern: `arn:aws(-us-gov|-iso(-[a-z])?|-cn)?:wellarchitected:[a-z]{2}(-gov|-iso([a-z])?)?-[a-z]+\d:\d{12}:(review-template)/[a-f0-9]{32}`

Required: No

### TemplateName

The name of the review template.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Pattern: `^[A-Za-z0-9-_. , :/()@!&?#+' '\s]+$`

Required: No

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

### WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# TemplateShareSummary

Summary of a review template share.

## Contents

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

### StatusMessage

Review template share invitation status message.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# ValidationExceptionField

Stores information about a field passed inside a request that resulted in an exception.

## Contents

### Message

Description of the error.

Type: String

Required: Yes

### Name

The field name for which validation failed.

Type: String

Required: Yes

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# VersionDifferences

The differences between the base and latest versions of the lens.

## Contents

### PillarDifferences

The differences between the base and latest versions of the lens.

Type: Array of [PillarDifference](#) objects

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Workload

A workload return object.

## Contents

### AccountIds

The list of AWS account IDs associated with the workload.

Type: Array of strings

Array Members: Maximum number of 100 items.

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

### Applications

List of AppRegistry application ARNs associated to the workload.

Type: Array of strings

Array Members: Maximum number of 1 item.

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:servicecatalog:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:/  
applications/[a-z0-9]+`

Required: No

### ArchitecturalDesign

The URL of the architectural design for the workload.

Type: String

Length Constraints: Maximum length of 2048.

Pattern: `^(|(https?|ftp):\\\/[^\s/$.?#].[^\s]*)$`

Required: No

### **AwsRegions**

The list of AWS Regions associated with the workload, for example, `us-east-2`, or `central-1`.

Type: Array of strings

Array Members: Maximum number of 50 items.

Length Constraints: Maximum length of 100.

Required: No

### **Description**

The description for the workload.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 250.

Required: No

### **DiscoveryConfig**

Discovery configuration associated to the workload.

Type: [WorkloadDiscoveryConfig](#) object

Required: No

### **Environment**

The environment for the workload.

Type: String

Valid Values: PRODUCTION | PREPRODUCTION

Required: No

### **ImprovementStatus**

The improvement status for a workload.

Type: String

Valid Values: NOT\_APPLICABLE | NOT\_STARTED | IN\_PROGRESS | COMPLETE | RISK\_ACKNOWLEDGED

Required: No

## Industry

The industry for the workload.

Type: String

Length Constraints: Maximum length of 100.

Required: No

## IndustryType

The industry type for the workload.

If specified, must be one of the following:

- Agriculture
- Automobile
- Defense
- Design and Engineering
- Digital Advertising
- Education
- Environmental Protection
- Financial Services
- Gaming
- General Public Services
- Healthcare
- Hospitality
- InfoTech
- Justice and Public Safety
- Life Sciences
- Manufacturing
- Media & Entertainment

- Mining & Resources
- Oil & Gas
- Power & Utilities
- Professional Services
- Real Estate & Construction
- Retail & Wholesale
- Social Protection
- Telecommunications
- Travel, Transportation & Logistics
- Other

Type: String

Length Constraints: Maximum length of 100.

Required: No

### **IsReviewOwnerUpdateAcknowledged**

Flag indicating whether the workload owner has acknowledged that the *Review owner* field is required.

If a **Review owner** is not added to the workload within 60 days of acknowledgement, access to the workload is restricted until an owner is added.

Type: Boolean

Required: No

### **JiraConfiguration**

Jira configuration for a specific workload.

Type: [WorkloadJiraConfigurationOutput](#) object

Required: No

### **Lenses**

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### **NonAwsRegions**

The list of non-AWS Regions associated with the workload.

Type: Array of strings

Array Members: Maximum number of 5 items.

Length Constraints: Minimum length of 3. Maximum length of 25.

Required: No

### **Notes**

The notes associated with the workload.

For a review template, these are the notes that will be associated with the workload when the template is applied.

Type: String

Length Constraints: Maximum length of 2084.

Required: No

### **Owner**

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: `[0-9]{12}`

Required: No

## PillarPriorities

The priorities of the pillars, which are used to order items in the improvement plan. Each pillar is represented by its [PillarReviewSummary:PillarId](#).

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 64.

Required: No

## PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## Profiles

Profile associated with a workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

## ReviewOwner

The review owner of the workload. The name, email address, or identifier for the primary group or individual that owns the workload review process.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 255.

Required: No

## ReviewRestrictionDate

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

### **RiskCounts**

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

### **ShareInvitationId**

The ID assigned to the share invitation.

Type: String

Pattern: [0-9a-f]{32}

Required: No

### **Tags**

The tags associated with the workload.

Type: String to string map

Map Entries: Maximum number of 50 items.

Key Length Constraints: Minimum length of 1. Maximum length of 128.

Value Length Constraints: Minimum length of 0. Maximum length of 256.

Required: No

### **UpdatedAt**

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## WorkloadArn

The ARN for the workload.

Type: String

Required: No

## WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

## WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadDiscoveryConfig

Discovery configuration associated to the workload.

## Contents

### TrustedAdvisorIntegrationStatus

Discovery integration status in respect to Trusted Advisor for the workload.

Type: String

Valid Values: ENABLED | DISABLED

Required: No

### WorkloadResourceDefinition

The mode to use for identifying resources associated with the workload.

You can specify WORKLOAD\_METADATA, APP\_REGISTRY, or both.

Type: Array of strings

Valid Values: WORKLOAD\_METADATA | APP\_REGISTRY

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadJiraConfigurationInput

Workload-level: Input for the Jira configuration.

## Contents

### IssueManagementStatus

Workload-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED | INHERIT

Required: No

### IssueManagementType

Workload-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

### JiraProjectKey

Workload-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadJiraConfigurationOutput

Workload-level: Output configuration of the Jira integration.

## Contents

### IssueManagementStatus

Workload-level: Jira issue management status.

Type: String

Valid Values: ENABLED | DISABLED | INHERIT

Required: No

### IssueManagementType

Workload-level: Jira issue management type.

Type: String

Valid Values: AUTO | MANUAL

Required: No

### JiraProjectKey

Workload-level: Jira project key to sync workloads to.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 100.

Pattern: `^[A-Z][A-Z0-9_]*$`

Required: No

### StatusMessage

Workload-level: Status message on configuration of the Jira integration.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadProfile

The profile associated with a workload.

## Contents

### ProfileArn

The profile ARN.

Type: String

Length Constraints: Maximum length of 2084.

Pattern: `arn:aws[-a-z]*:wellarchitected:[a-z]{2}(-gov)?-[a-z]+-\d:\d{12}:profile/[a-z0-9]+`

Required: No

### ProfileVersion

The profile version.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 32.

Pattern: `^[A-Za-z0-9-]+$`

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadShare

A workload share return object.

## Contents

### PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

### SharedBy

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### ShareId

The ID associated with the share.

Type: String

Pattern: `[0-9a-f]{32}`

Required: No

### Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

### WorkloadId

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

### WorkloadName

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## See Also

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadShareSummary

A workload share summary return object.

## Contents

### PermissionType

Permission granted on a share request.

Type: String

Valid Values: READONLY | CONTRIBUTOR

Required: No

### SharedWith

The AWS account ID, organization ID, or organizational unit (OU) ID with which the workload, lens, profile, or review template is shared.

Type: String

Length Constraints: Minimum length of 12. Maximum length of 2048.

Required: No

### ShareId

The ID associated with the share.

Type: String

Pattern: [0-9a-f]{32}

Required: No

### Status

The status of the share request.

Type: String

Valid Values: ACCEPTED | REJECTED | PENDING | REVOKED | EXPIRED | ASSOCIATING | ASSOCIATED | FAILED

Required: No

### **StatusMessage**

Optional message to compliment the Status field.

Type: String

Length Constraints: Minimum length of 1. Maximum length of 512.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# WorkloadSummary

A workload summary return object.

## Contents

### ImprovementStatus

The improvement status for a workload.

Type: String

Valid Values: NOT\_APPLICABLE | NOT\_STARTED | IN\_PROGRESS | COMPLETE | RISK\_ACKNOWLEDGED

Required: No

### Lenses

The list of lenses associated with the workload. Each lens is identified by its [LensSummary:LensAlias](#).

If a review template that specifies lenses is applied to the workload, those lenses are applied to the workload in addition to these lenses.

Type: Array of strings

Length Constraints: Minimum length of 1. Maximum length of 128.

Required: No

### Owner

An AWS account ID.

Type: String

Length Constraints: Fixed length of 12.

Pattern: [0-9]{12}

Required: No

## PrioritizedRiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## Profiles

Profile associated with a workload.

Type: Array of [WorkloadProfile](#) objects

Array Members: Maximum number of 1 item.

Required: No

## RiskCounts

A map from risk names to the count of how many questions have that rating.

Type: String to integer map

Valid Keys: UNANSWERED | HIGH | MEDIUM | NONE | NOT\_APPLICABLE

Valid Range: Minimum value of 0.

Required: No

## UpdatedAt

The date and time recorded in Unix format (seconds).

Type: Timestamp

Required: No

## WorkloadArn

The ARN for the workload.

Type: String

Required: No

### **WorkloadId**

The ID assigned to the workload. This ID is unique within an AWS Region.

Type: String

Length Constraints: Fixed length of 32.

Pattern: `[0-9a-f]{32}`

Required: No

### **WorkloadName**

The name of the workload.

The name must be unique within an account within an AWS Region. Spaces and capitalization are ignored when checking for uniqueness.

Type: String

Length Constraints: Minimum length of 3. Maximum length of 100.

Required: No

## **See Also**

For more information about using this API in one of the language-specific AWS SDKs, see the following:

- [AWS SDK for C++](#)
- [AWS SDK for Java V2](#)
- [AWS SDK for Ruby V3](#)

# Common Parameters

The following list contains the parameters that all actions use for signing Signature Version 4 requests with a query string. Any action-specific parameters are listed in the topic for that action. For more information about Signature Version 4, see [Signing AWS API requests](#) in the *IAM User Guide*.

## X-Amz-Algorithm

The hash algorithm that you used to create the request signature.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Valid Values: AWS4-HMAC-SHA256

Required: Conditional

## X-Amz-Credential

The credential scope value, which is a string that includes your access key, the date, the region you are targeting, the service you are requesting, and a termination string ("aws4\_request"). The value is expressed in the following format: *access\_key/YYYYMMDD/region/service/aws4\_request*.

For more information, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

## X-Amz-Date

The date that is used to create the signature. The format must be ISO 8601 basic format (YYYYMMDD'T'HHMMSS'Z'). For example, the following date time is a valid X-Amz-Date value: 20120325T120000Z.

Condition: X-Amz-Date is optional for all requests; it can be used to override the date used for signing requests. If the Date header is specified in the ISO 8601 basic format, X-Amz-Date is not required. When X-Amz-Date is used, it always overrides the value of the Date header. For more information, see [Elements of an AWS API request signature](#) in the *IAM User Guide*.

Type: string

Required: Conditional

### **X-Amz-Security-Token**

The temporary security token that was obtained through a call to AWS Security Token Service (AWS STS). For a list of services that support temporary security credentials from AWS STS, see [AWS services that work with IAM](#) in the *IAM User Guide*.

Condition: If you're using temporary security credentials from AWS STS, you must include the security token.

Type: string

Required: Conditional

### **X-Amz-Signature**

Specifies the hex-encoded signature that was calculated from the string to sign and the derived signing key.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

Required: Conditional

### **X-Amz-SignedHeaders**

Specifies all the HTTP headers that were included as part of the canonical request. For more information about specifying signed headers, see [Create a signed AWS API request](#) in the *IAM User Guide*.

Condition: Specify this parameter when you include authentication information in a query string instead of in the HTTP authorization header.

Type: string

**Required: Conditional**

# Common Error Types

This section lists common error types that this AWS service may return. Not all services return all error types listed here. For errors specific to an API action for this service, see the topic for that API action.

## AccessDeniedException

You don't have permission to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 403

## ExpiredTokenException

The security token included in the request has expired. Request a new security token and try again.

HTTP Status Code: 403

## IncompleteSignature

The request signature doesn't conform to AWS standards. Verify that you're using valid AWS credentials and that your request is properly formatted. If you're using an SDK, ensure it's up to date.

HTTP Status Code: 403

## InternalFailure

The request can't be processed right now because of an internal server issue. Try again later. If the problem persists, contact AWS Support.

HTTP Status Code: 500

## MalformedHttpRequestException

The request body can't be processed. This typically happens when the request body can't be decompressed using the specified content encoding algorithm. Verify that the content encoding header matches the compression format used.

HTTP Status Code: 400

**NotAuthorized**

You don't have permissions to perform this action. Verify that your IAM policy includes the required permissions.

HTTP Status Code: 401

**OptInRequired**

Your AWS account needs a subscription for this service. Verify that you've enabled the service in your account.

HTTP Status Code: 403

**RequestAbortedException**

The request was aborted before a response could be returned. This typically happens when the client closes the connection.

HTTP Status Code: 400

**RequestEntityTooLargeException**

The request entity is too large. Reduce the size of the request body and try again.

HTTP Status Code: 413

**RequestTimeoutException**

The request timed out. The server didn't receive the complete request within the expected time frame. Try again.

HTTP Status Code: 408

**ServiceUnavailable**

The service is temporarily unavailable. Try again later.

HTTP Status Code: 503

**ThrottlingException**

Your request rate is too high. The AWS SDKs automatically retry requests that receive this exception. Reduce the frequency of requests.

HTTP Status Code: 400

## **UnknownOperationException**

The action or operation isn't recognized. Verify that the action name is spelled correctly and that it's supported by the API version you're using.

HTTP Status Code: 404

## **UnrecognizedClientException**

The X.509 certificate or AWS access key ID you provided doesn't exist in our records. Verify that you're using valid credentials and that they haven't expired.

HTTP Status Code: 403

## **ValidationError**

The input doesn't meet the required format or constraints. Check that all required parameters are included and that values are valid.

HTTP Status Code: 400