

Exam Guide (CLF-C02)

AWS Certified Cloud Practitioner



AWS Certified Cloud Practitioner: Exam Guide (CLF-C02)

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AWS Certified Cloud Practitioner (CLF-C02)

The AWS Certified Cloud Practitioner (CLF-C02) exam is intended for individuals who can effectively demonstrate overall knowledge of the AWS Cloud, independent of a specific job role.

Topics

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Introduction

The [AWS Certified Cloud Practitioner \(CLF-C02\)](#) exam is intended for individuals who can effectively demonstrate overall knowledge of the AWS Cloud, independent of a specific job role.

The exam also validates a candidate's ability to complete the following tasks:

- Explain the value of the AWS Cloud.
- Understand and explain the AWS shared responsibility model.
- Understand the AWS Well-Architected Framework.
- Understand security best practices.
- Understand AWS Cloud costs, economics, and billing practices.

- Describe and position the core AWS services, including compute, network, database, and storage services.
- Identify AWS services for common use cases.

Target Candidate Description

The target candidate has up to 6 months of exposure to AWS Cloud design, implementation, and/or operations. The candidate might be in the early stages of pursuing an AWS Cloud career or the candidate might work with people in AWS Cloud roles.

Recommended AWS knowledge

The target candidate should have AWS knowledge in the following areas:

- AWS Cloud concepts
- Security and compliance in the AWS Cloud
- Core AWS services
- Economics of the AWS Cloud

Job tasks that are out of scope for the target candidate

The following list contains job tasks that the target candidate is not expected to be able to perform. This list is non-exhaustive. These tasks are out of scope for the exam:

- Coding
- Designing cloud architecture
- Troubleshooting
- Implementation
- Load and performance testing

Exam Content

There are two types of questions on the exam:

- Multiple choice: Has one correct response and three incorrect responses (distractors)

- **Multiple response:** Has two or more correct responses out of five or more response options

Select one or more responses that best complete the statement or answer the question.

Distractors, or incorrect answers, are response options that a candidate with incomplete knowledge or skill might choose. Distractors are generally plausible responses that match the content area.

Unanswered questions are scored as incorrect; there is no penalty for guessing. The exam includes 50 questions that affect your score.

The exam includes 15 unscored questions that do not affect your score. AWS collects information about performance on these unscored questions to evaluate these questions for future use as scored questions. These unscored questions are not identified on the exam.

The AWS Certified Cloud Practitioner (CLF-C02) exam has a pass or fail designation. The exam is scored against a minimum standard established by AWS professionals who follow certification industry best practices and guidelines.

Your results for the exam are reported as a scaled score of 100–1,000. The minimum passing score is 700. Your score shows how you performed on the exam as a whole and whether you passed. Scaled scoring models help equate scores across multiple exam forms that might have slightly different difficulty levels.

Unscored Content

The exam includes 15 unscored questions that do not affect your score. AWS collects information about performance on these unscored questions to evaluate these questions for future use as scored questions. These unscored questions are not identified on the exam.

Exam Results

This AWS certification exam has a pass or fail designation. The exam is scored against a minimum standard established by AWS professionals who follow certification industry best practices and guidelines.

Your results for the exam are reported as a scaled score of 100–1,000. The minimum passing score is 700. Your score shows how you performed on the exam as a whole and whether you passed. Scaled scoring models help equate scores across multiple exam forms that might have slightly different difficulty levels.

Your score report could contain a table of classifications of your performance at each section level. The exam uses a compensatory scoring model, which means that you do not need to achieve a passing score in each section. You need to pass only the overall exam.

Each section of the exam has a specific weighting, so some sections have more questions than other sections have. The table of classifications contains general information that highlights your strengths and weaknesses. Use caution when you interpret section-level feedback.

Content Outline

This exam guide includes weightings, content domains, and task statements for the exam. This guide does not provide a comprehensive list of the content on the exam. However, additional context for each task statement is available to help you prepare for the exam.

The exam has the following content domains and weightings:

- [Content Domain 1: Cloud Concepts \(24% of scored content\)](#)
- [Content Domain 2: Security and Compliance \(30% of scored content\)](#)
- [Content Domain 3: Cloud Technology and Services \(34% of scored content\)](#)
- [Content Domain 4: Billing, Pricing, and Support \(12% of scored content\)](#)

Service References

The following sections provide detailed information about AWS services, technologies, and concepts relevant to this certification exam:

- [In-Scope AWS Services](#)
- [Out-of-Scope AWS Services](#)
- [Technologies and Concepts](#)

Content Domain 1: Cloud Concepts

Domain 1 covers Cloud Concepts and represents 24% of the scored content on the exam.

Tasks

- [Task Statement 1.1: Define the benefits of the AWS Cloud.](#)
- [Task Statement 1.2: Identify design principles of the AWS Cloud.](#)
- [Task Statement 1.3: Understand the benefits of and strategies for migration to the AWS Cloud.](#)
- [Task Statement 1.4: Understand concepts of cloud economics.](#)

Task Statement 1.1: Define the benefits of the AWS Cloud.

Knowledge of:

- Value proposition of the AWS Cloud

Skills in:

- Understanding the benefits of global infrastructure (for example, speed of deployment, global reach)
- Understanding the advantages of high availability, elasticity, and agility

Task Statement 1.2: Identify design principles of the AWS Cloud.

Knowledge of:

- AWS Well-Architected Framework

Skills in:

- Understanding the pillars of the Well-Architected Framework (for example, operational excellence, security, reliability, performance efficiency, cost optimization, sustainability)
- Identifying differences between the pillars of the Well-Architected Framework

Task Statement 1.3: Understand the benefits of and strategies for migration to the AWS Cloud.

Knowledge of:

- Cloud adoption strategies

- Resources to support the cloud migration journey

Skills in:

- Understanding the components of the AWS Cloud Adoption Framework (AWS CAF) (for example, reduced business risk; improved environmental, social, and governance [ESG] performance; increased revenue; increased operational efficiency)
- Identifying appropriate migration strategies (for example, database replication, use of AWS Snowball)

Task Statement 1.4: Understand concepts of cloud economics.

Knowledge of:

- Aspects of cloud economics
- Cost savings of moving to the cloud

Skills in:

- Understanding the role of fixed costs compared with variable costs
- Understanding costs that are associated with on-premises environments
- Understanding the differences between licensing strategies (for example, Bring Your Own License [BYOL] model compared with included licenses)
- Understanding the concept of rightsizing
- Identifying benefits of automation
- Understanding the economies of scale (for example, cost savings)

Content Domain 2: Security and Compliance

Domain 2 covers Security and Compliance and represents 30% of the scored content on the exam.

Tasks

- [Task Statement 2.1: Understand the AWS shared responsibility model.](#)
- [Task Statement 2.2: Understand AWS Cloud security, governance, and compliance concepts.](#)
- [Task Statement 2.3: Identify AWS access management capabilities.](#)

- [Task Statement 2.4: Identify components and resources for security.](#)

Task Statement 2.1: Understand the AWS shared responsibility model.

Knowledge of:

- AWS shared responsibility model

Skills in:

- Recognizing the components of the AWS shared responsibility model
- Describing the customer's responsibilities on AWS
- Describing AWS responsibilities
- Describing responsibilities that the customer and AWS share
- Describing how AWS responsibilities and customer responsibilities can shift, depending on the service used (for example, Amazon RDS, AWS Lambda, Amazon EC2)

Task Statement 2.2: Understand AWS Cloud security, governance, and compliance concepts.

Knowledge of:

- AWS compliance and governance concepts
- Benefits of cloud security (for example, encryption)
- Where to capture and locate logs that are associated with cloud security

Skills in:

- Identifying where to find AWS compliance information (for example, AWS Artifact)
- Understanding compliance needs among geographic locations or industries (for example, AWS compliance)
- Describing how customers secure resources on AWS (for example, Amazon Inspector, AWS Security Hub, Amazon GuardDuty, AWS Shield)
- Identifying encryption options (for example, encryption in transit, encryption at rest)

- Recognizing services that aid in governance and compliance (for example, monitoring with Amazon CloudWatch; auditing with AWS CloudTrail, AWS Audit Manager, and AWS Config; reporting with access reports)
- Recognizing compliance requirements that vary among AWS services

Task Statement 2.3: Identify AWS access management capabilities.

Knowledge of:

- Identity and access management (for example, AWS Identity and Access Management [IAM])
- Importance of protecting the AWS root user account
- Principle of least privilege
- AWS IAM Identity Center (AWS Single Sign-On)

Skills in:

- Understanding access keys, password policies, and credential storage (for example, AWS Secrets Manager, AWS Systems Manager)
- Identifying authentication methods in AWS (for example, multi-factor authentication [MFA], IAM Identity Center, cross-account IAM roles)
- Defining groups, users, custom policies, and managed policies in compliance with the principle of least privilege
- Identifying tasks that only the account root user can perform
- Understanding which methods can achieve root user protection
- Understanding the types of identity management (for example, federated)

Task Statement 2.4: Identify components and resources for security.

Knowledge of:

- Security capabilities that AWS provides
- Security-related documentation that AWS provides

Skills in:

- Describing AWS security features and services (for example, AWS WAF, AWS Firewall Manager, AWS Shield, Amazon GuardDuty)
- Understanding that third-party security products are available from AWS Marketplace
- Identifying where AWS security information is available (for example, AWS Knowledge Center, AWS Security Center, AWS Security Blog)
- Understanding the use of AWS services for identifying security issues (for example, AWS Trusted Advisor)

Content Domain 3: Cloud Technology and Services

Domain 3 covers Cloud Technology and Services and represents 34% of the scored content on the exam.

Tasks

- [Task Statement 3.1: Define methods of deploying and operating in the AWS Cloud.](#)
- [Task Statement 3.2: Define the AWS global infrastructure.](#)
- [Task Statement 3.3: Identify AWS compute services.](#)
- [Task Statement 3.4: Identify AWS database services.](#)
- [Task Statement 3.5: Identify AWS network services.](#)
- [Task Statement 3.6: Identify AWS storage services.](#)
- [Task Statement 3.7: Identify AWS artificial intelligence and machine learning \(AI/ML\) services and analytics services.](#)
- [Task Statement 3.8: Identify services from other in-scope AWS service categories.](#)

Task Statement 3.1: Define methods of deploying and operating in the AWS Cloud.

Knowledge of:

- Various ways of provisioning and operating in the AWS Cloud
- Various ways to access AWS services
- Types of cloud deployment models

Skills in:

- Deciding between options such as programmatic access (for example, APIs, SDKs, CLI), the AWS Management Console, and infrastructure as code (IaC)
- Evaluating requirements to determine whether to use one-time operations or repeatable processes
- Identifying deployment models (for example, cloud, hybrid, on-premises)

Task Statement 3.2: Define the AWS global infrastructure.**Knowledge of:**

- AWS Regions, Availability Zones, and edge locations
- High availability
- Use of multiple Regions
- Benefits of edge locations

Skills in:

- Describing relationships among Regions, Availability Zones, and edge locations
- Describing how to achieve high availability by using multiple Availability Zones
- Recognizing that Availability Zones do not share single points of failure
- Describing when to use multiple Regions (for example, disaster recovery, business continuity, low latency for end users, data sovereignty)

Task Statement 3.3: Identify AWS compute services.**Knowledge of:**

- AWS compute services

Skills in:

- Recognizing the appropriate use of various Amazon EC2 instance types (for example, compute optimized, storage optimized)

- Recognizing the appropriate use of various container options (for example, Amazon Elastic Container Service [Amazon ECS], Amazon Elastic Kubernetes Service [Amazon EKS])
- Recognizing the appropriate use of various serverless compute options (for example, AWS Fargate, AWS Lambda)
- Recognizing that auto scaling provides elasticity
- Identifying the purposes of load balancers

Task Statement 3.4: Identify AWS database services.

Knowledge of:

- AWS database services
- Database migration

Skills in:

- Deciding when to use EC2 hosted databases or AWS managed databases
- Identifying relational databases (for example, Amazon RDS, Amazon Aurora)
- Identifying NoSQL databases (for example, Amazon DynamoDB)
- Identifying memory-based databases (for example, Amazon ElastiCache)
- Identifying database migration tools (for example AWS Database Migration Service [AWS DMS], AWS Schema Conversion Tool [AWS SCT])

Task Statement 3.5: Identify AWS network services.

Knowledge of:

- AWS network services

Skills in:

- Identifying the components of a VPC (for example, subnets, gateways)
- Understanding security in a VPC (for example, network ACLs, security groups, Amazon Inspector)
- Understanding the purpose of Amazon Route 53

- Identifying network connectivity options to AWS (for example AWS VPN, AWS Direct Connect)

Task Statement 3.6: Identify AWS storage services.

Knowledge of:

- AWS storage services

Skills in:

- Identifying the uses for object storage
- Recognizing the differences in Amazon S3 storage classes
- Identifying block storage solutions (for example, Amazon Elastic Block Store [Amazon EBS], instance store)
- Identifying file services (for example, Amazon Elastic File System [Amazon EFS], Amazon FSx)
- Identifying cached file systems (for example, AWS Storage Gateway)
- Understanding use cases for lifecycle policies
- Understanding use cases for AWS Backup

Task Statement 3.7: Identify AWS artificial intelligence and machine learning (AI/ML) services and analytics services.

Knowledge of:

- AWS AI/ML services
- AWS analytics services

Skills in:

- Understanding AI/ML services and the tasks that they accomplish (for example, Amazon SageMaker AI, Amazon Lex, Amazon Kendra)
- Identifying the services for data analytics (for example, Amazon Athena, Amazon Kinesis, AWS Glue, Amazon QuickSight)

Task Statement 3.8: Identify services from other in-scope AWS service categories.

Knowledge of:

- Application integration services of Amazon EventBridge, Amazon Simple Notification Service (Amazon SNS), and Amazon Simple Queue Service (Amazon SQS)
- Business application services of Amazon Connect and Amazon Simple Email Service (Amazon SES)
- Customer enablement services (for example, AWS Support)
- Developer tool services and capabilities (for example, AWS CodeBuild, AWS CodePipeline, and AWS X-Ray)
- End-user computing services of Amazon AppStream 2.0, Amazon WorkSpaces, and Amazon WorkSpaces Secure Browser
- Frontend web and mobile services of AWS Amplify and AWS AppSync
- IoT services (for example, AWS IoT Core)

Skills in:

- Choosing the appropriate service to deliver messages and to send alerts and notifications
- Choosing the appropriate service to meet business application needs
- Choosing the appropriate option for business support assistance
- Identifying the tools to develop, deploy, and troubleshoot applications
- Identifying the services that can present the output of virtual machines (VMs) on end-user machines
- Identifying the services that can create and deploy frontend and mobile services
- Identifying the services that manage IoT devices

Content Domain 4: Billing, Pricing, and Support

Domain 4 covers Billing, Pricing, and Support and represents 12% of the scored content on the exam.

Tasks

- [Task Statement 4.1: Compare AWS pricing models.](#)
- [Task Statement 4.2: Understand resources for billing, budget, and cost management.](#)
- [Task Statement 4.3: Identify AWS technical resources and AWS Support options.](#)

Task Statement 4.1: Compare AWS pricing models.

Knowledge of:

- Compute purchasing options (for example, On-Demand Instances, Reserved Instances, Spot Instances, AWS Savings Plans, Dedicated Hosts, Dedicated Instances, Capacity Reservations)
- Storage options and tiers

Skills in:

- Identifying when to use various compute purchasing options
- Describing Reserved Instance flexibility
- Describing Reserved Instance behavior in AWS Organizations
- Understanding incoming data transfer costs and outgoing data transfer costs (for example, from one AWS Region to another Region, within the same Region)
- Understanding pricing options for various storage options and tiers

Task Statement 4.2: Understand resources for billing, budget, and cost management.

Knowledge of:

- Billing support and information
- Pricing information for AWS services
- AWS Organizations
- AWS cost allocation tags

Skills in:

- Understanding the appropriate uses and capabilities of AWS Budgets, and AWS Cost Explorer

- Understanding the appropriate uses and capabilities of AWS Pricing Calculator
- Understanding AWS Organizations consolidated billing and allocation of costs
- Understanding various types of cost allocation tags and their relation to billing reports (for example, AWS Cost and Usage Report)

Task Statement 4.3: Identify AWS technical resources and AWS Support options.

Knowledge of:

- Resources and documentation available on official AWS websites
- AWS Support plans
- Role of the AWS Partner Network, including independent software vendors and system integrators
- AWS Support Center

Skills in:

- Locating AWS whitepapers, blogs, and documentation on official AWS websites
- Identifying and locating AWS technical resources (for example AWS Prescriptive Guidance, AWS Knowledge Center, AWS re:Post)
- Identifying AWS Support options for AWS customers (for example, customer service and communities, AWS Developer Support, AWS Business Support, AWS Enterprise On-Ramp Support, AWS Enterprise Support)
- Identifying the role of AWS Trusted Advisor, AWS Health Dashboard, and the AWS Health API to help manage and monitor environments for cost optimization
- Identifying the role of the AWS Trust and Safety team to report abuse of AWS resources
- Understanding the role of AWS Partners (for example AWS Marketplace, independent software vendors, system integrators)
- Identifying the benefits of being an AWS Partner (for example, partner training and certification, partner events, partner volume discounts)
- Identifying the key services that AWS Marketplace offers (for example, cost management, governance and entitlement)

- Identifying technical assistance options available at AWS (for example, AWS Professional Services, AWS Solutions Architects)

Technologies and Concepts

The following list contains technologies and concepts that might appear on the exam. This list is non-exhaustive and is subject to change. The order and placement of the items in this list is no indication of their relative weight or importance on the exam:

- APIs
- Benefits of migrating to the AWS Cloud
- AWS Cloud Adoption Framework (AWS CAF)
- AWS Compliance
- Compute
- Cost management
- Databases
- Amazon EC2 instance types (for example, Reserved Instances, On-Demand Instances, Spot Instances)
- AWS global infrastructure (for example, AWS Regions, Availability Zones)
- Infrastructure as code (IaC)
- AWS Knowledge Center
- Machine learning
- Management and governance
- Migration and data transfer
- Network services
- AWS Partner Network (APN)
- AWS Prescriptive Guidance
- AWS Pricing Calculator
- AWS Professional Services
- AWS re:Post
- AWS SDKs

- Security
- AWS Security Blog
- AWS shared responsibility model
- AWS solutions architects
- Storage
- AWS Support Center
- AWS Support plans
- AWS Well-Architected Framework

In-Scope AWS Services

The following list contains AWS services and features that are in scope for the AWS Certified Cloud Practitioner (CLF-C02) exam. This list is non-exhaustive and is subject to change. AWS offerings appear in categories that align with the offerings' primary functions.

Topics

- [Analytics](#)
- [Application Integration](#)
- [Business Applications](#)
- [Cloud Financial Management](#)
- [Compute](#)
- [Containers](#)
- [Customer Enablement](#)
- [Database](#)
- [Developer Tools](#)
- [End User Computing](#)
- [Frontend Web and Mobile](#)
- [Internet of Things \(IoT\)](#)
- [Machine Learning](#)
- [Management and Governance](#)
- [Migration and Transfer](#)

- [Networking and Content Delivery](#)
- [Security, Identity, and Compliance](#)
- [Serverless](#)
- [Storage](#)

Analytics

- Amazon Athena
- Amazon EMR
- AWS Glue
- Amazon Kinesis
- Amazon OpenSearch Service
- Amazon QuickSight
- Amazon Redshift

Application Integration

- Amazon EventBridge
- Amazon Simple Notification Service (Amazon SNS)
- Amazon Simple Queue Service (Amazon SQS)
- AWS Step Functions

Business Applications

- Amazon Connect
- Amazon Simple Email Service (Amazon SES)

Cloud Financial Management

- AWS Budgets
- AWS Cost and Usage Reports
- AWS Cost Explorer

- AWS Marketplace

Compute

- AWS Batch
- Amazon EC2
- AWS Elastic Beanstalk
- Amazon Lightsail
- AWS Outposts

Containers

- Amazon Elastic Container Registry (Amazon ECR)
- Amazon Elastic Container Service (Amazon ECS)
- Amazon Elastic Kubernetes Service (Amazon EKS)

Customer Enablement

- AWS Support

Database

- Amazon Aurora
- Amazon DocumentDB
- Amazon DynamoDB
- Amazon ElastiCache
- Amazon Neptune
- Amazon RDS

Developer Tools

- AWS CLI

- AWS CodeBuild
- AWS CodePipeline
- AWS X-Ray

End User Computing

- Amazon AppStream 2.0
- Amazon WorkSpaces
- Amazon WorkSpaces Secure Browser

Frontend Web and Mobile

- AWS Amplify
- AWS AppSync

Internet of Things (IoT)

- AWS IoT Core

Machine Learning

- Amazon Comprehend
- Amazon Kendra
- Amazon Lex
- Amazon Polly
- Amazon Q
- Amazon Rekognition
- Amazon SageMaker AI
- Amazon Textract
- Amazon Transcribe
- Amazon Translate

Management and Governance

- AWS Auto Scaling
- AWS CloudFormation
- AWS CloudTrail
- Amazon CloudWatch
- AWS Compute Optimizer
- AWS Config
- AWS Control Tower
- AWS Health Dashboard
- AWS License Manager
- AWS Management Console
- AWS Organizations
- AWS Service Catalog
- Service Quotas
- AWS Systems Manager
- AWS Trusted Advisor
- AWS Well-Architected Tool

Migration and Transfer

- AWS Application Discovery Service
- AWS Application Migration Service
- AWS Database Migration Service (AWS DMS)
- Migration Evaluator
- AWS Migration Hub
- AWS Schema Conversion Tool (AWS SCT)
- AWS Snow Family

Networking and Content Delivery

- Amazon API Gateway

- Amazon CloudFront
- AWS Direct Connect
- AWS Global Accelerator
- AWS PrivateLink
- Amazon Route 53
- AWS Transit Gateway
- Amazon VPC
- AWS VPN
- AWS Site-to-Site VPN
- AWS Client VPN

Security, Identity, and Compliance

- AWS Artifact
- AWS Audit Manager
- AWS Certificate Manager (ACM)
- AWS CloudHSM
- Amazon Cognito
- Amazon Detective
- AWS Directory Service
- AWS Firewall Manager
- Amazon GuardDuty
- AWS Identity and Access Management (IAM)
- AWS IAM Identity Center
- Amazon Inspector
- AWS Key Management Service (AWS KMS)
- Amazon Macie
- AWS Resource Access Manager (AWS RAM)
- AWS Secrets Manager
- AWS Security Hub

- AWS Shield
- AWS WAF

Serverless

- AWS Fargate
- AWS Lambda

Storage

- AWS Backup
- Amazon Elastic Block Store (Amazon EBS)
- Amazon Elastic File System (Amazon EFS)
- AWS Elastic Disaster Recovery
- Amazon FSx
- Amazon S3
- Amazon S3 Glacier
- AWS Storage Gateway

Out-of-Scope AWS Services

The following list contains AWS services and features that are out of scope for the AWS Certified Cloud Practitioner (CLF-C02) exam. This list is non-exhaustive and is subject to change.

Topics

- [Analytics](#)
- [Application Integration](#)
- [Business Applications](#)
- [Compute](#)
- [Cost Management](#)
- [Customer Enablement](#)
- [Cloud Financial Management](#)

- [Database](#)
- [Developer Tools](#)
- [Game Tech](#)
- [Internet of Things \(IoT\)](#)
- [Machine Learning](#)
- [Management and Governance](#)
- [Media Services](#)
- [Migration and Transfer](#)
- [Networking and Content Delivery](#)
- [Security, Identity, and Compliance](#)
- [Robotics](#)
- [Storage](#)

Analytics

- Amazon AppFlow
- AWS Clean Rooms
- AWS Data Exchange
- Amazon DataZone
- Amazon Managed Streaming for Apache Kafka (Amazon MSK)
- Amazon Timestream for LiveAnalytics

Application Integration

- AWS AppFabric
- Amazon Simple Workflow Service

Business Applications

- Amazon WorkDocs
- Amazon WorkMail

Compute

- AWS App Runner
- AWS Copilot
- AWS Wavelength

Cost Management

- AWS Application Cost Profiler
- Amazon DevPay

Customer Enablement

- AWS Activate
- AWS IQ
- AWS Managed Services (AMS)

Cloud Financial Management

- AWS Billing Conductor

Database

- Amazon Keyspaces (for Apache Cassandra)
- Amazon MemoryDB for Redis OSS
- AWS AppConfig

Developer Tools

- AWS Application Composer
- AWS CodeArtifact
- AWS CodeDeploy
- Amazon CodeGuru

- AWS CloudShell
- AWS Device Farm

Game Tech

- Amazon GameLift
- Amazon Lumberyard

Internet of Things (IoT)

- AWS IoT Device Defender
- AWS IoT Greengrass
- Amazon Monitron

Machine Learning

- Amazon Fraud Detector
- Amazon Lookout for Metrics
- Amazon Mechanical Turk
- AWS Panorama
- Amazon Personalize

Management and Governance

- AWS Chatbot
- Amazon Data Lifecycle Manager
- Amazon Elastic Transcoder
- AWS Launch Wizard

Media Services

- AWS Elemental Appliances and Software

- AWS Elemental MediaConnect
- AWS Elemental MediaConvert
- AWS Elemental MediaLive
- AWS Elemental MediaPackage
- AWS Elemental MediaStore
- AWS Elemental MediaTailor
- Amazon Interactive Video Service (Amazon IVS)

Migration and Transfer

- AWS Migration Hub Refactor Spaces
- AWS Transfer Family

Networking and Content Delivery

- AWS Cloud Map
- AWS Network Access Analyzer
- AWS Ground Station
- Amazon VPC Lattice

Security, Identity, and Compliance

- Amazon Cloud Directory
- AWS Network Firewall

Robotics

- AWS RoboMaker

Storage

- Amazon FSx for Lustre

Survey

How useful was this exam guide? Let us know by [taking our survey](#).