



Architecture diagrams for manufacturing

Consuming Data from InforOS over SFTP



Consuming Data from InforOS over SFTP: Architecture diagrams for manufacturing

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Table of Contents

Consuming data from InforOS **i**

Consuming data from InforOS architecture diagram 1

Further reading 2

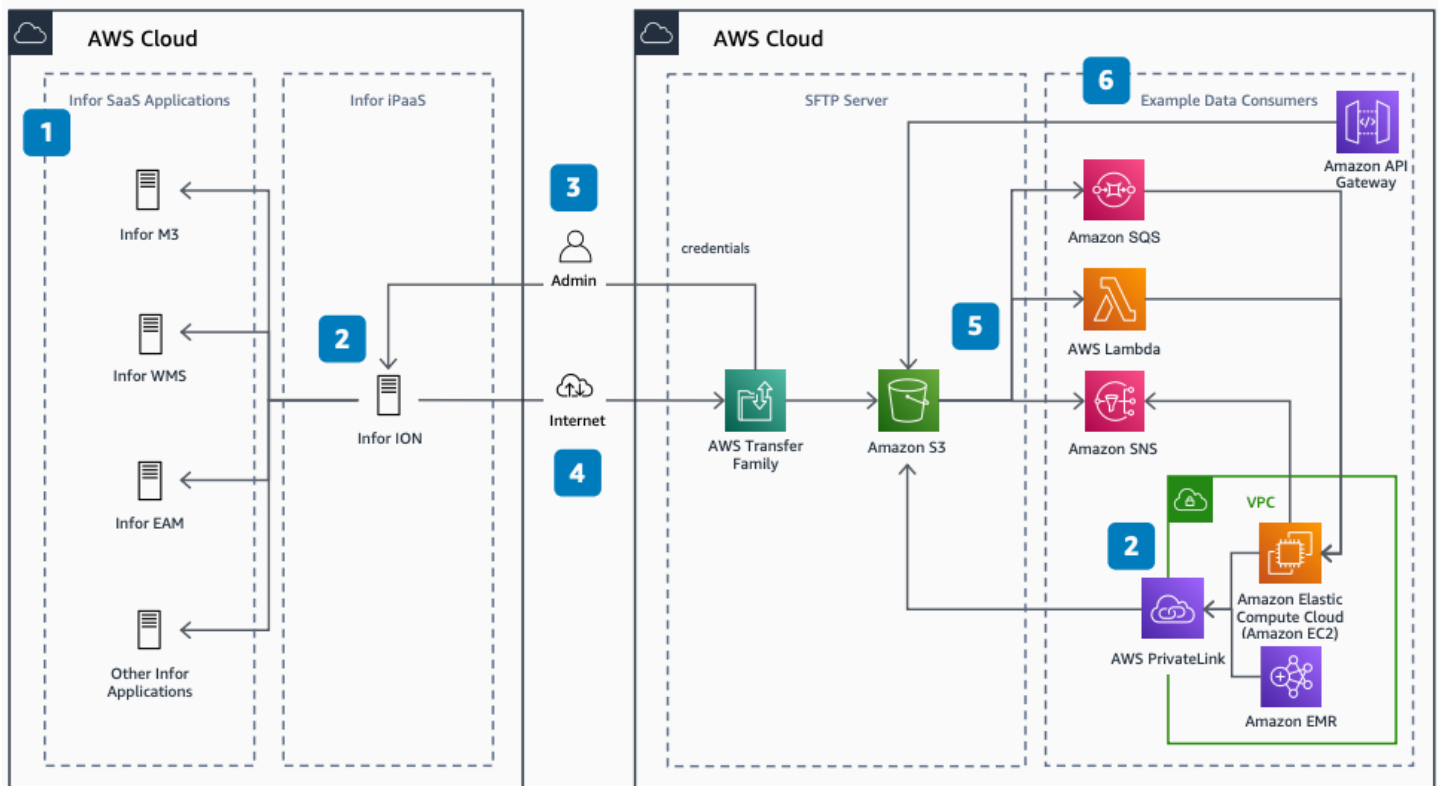
Diagram history 2

Consuming Data from InforOS over SFTP

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With this architecture, you can integrate your applications with [Infor CloudSuite](#) by using bulk data transfer over Secure File Transfer Protocol (SFTP). You use [AWS Transfer Family](#) as the managed SFTP server, with [Amazon Simple Storage Service](#) (Amazon S3) for storage.

Consuming data from InforOS architecture diagram



The following steps describe the architecture:

1. Infor CloudSuite applications produce data. These applications include Infor M3, Infor WMS, Infor EAM, and others.
2. [Infor ION](#) acts as an SFTP client, polling the SFTP server for new data.
3. An administrator creates an SFTP user in Transfer Family and passes credentials to Infor ION.
4. Files moving over SFTP can be BOD/XML, delimiter-separated, JSON, or schema-free formats.
5. Amazon S3 event notifications send data to [Amazon Simple Queue Service](#) (Amazon SQS), [AWS Lambda](#), or [Amazon Simple Notification Service](#) (Amazon SNS) when new objects are written.

6. Example consumers read data from Amazon S3. These include [Amazon API Gateway](#), [Amazon EMR](#), and [Amazon Elastic Compute Cloud](#) through AWS PrivateLink.

Further reading

For additional information, see the following resources:

- [AWS Architecture Icons](#)
- [AWS Architecture Center](#)
- [AWS Well-Architected](#)
- [Producing Data to InforOS over SFTP](#)

Diagram history

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