

SAA-C03 New Material

The new version of the exam includes one new task statement under the new Domain 3: Design High-Performing Architectures: The new task statement is Task Statement 5: Determine high-performing data ingestion and transformation solutions.

Knowledge of:

- Data analytics and visualization services with appropriate use cases (for example, Amazon Athena, AWS Lake Formation, Amazon QuickSight)
- Data ingestion patterns (for example, frequency)
- Data transfer services with appropriate use cases (for example, AWS DataSync, AWS Storage Gateway)
- Data transformation services with appropriate use cases (for example, AWS Glue)
- Secure access to ingestion access points
- Sizes and speeds needed to meet business requirements
- Streaming data services with appropriate use cases (for example, Amazon Kinesis)

Skills in:

- Building and securing data lakes
- Designing data streaming architectures
- Designing data transfer solutions
- Implementing visualization strategies
- Selecting appropriate compute options for data processing (for example, Amazon EMR)
- Selecting appropriate configurations for ingestion
- Transforming data between formats (for example, .csv to .parquet)

The following is a partial list of references to assist you in preparing for exam questions about this task statement:

Amazon Athena

- [What is Amazon Athena?](#)
- [Amazon Athena FAQs](#)

AWS Lake Formation

- [What is AWS Lake Formation?](#)
- [AWS Lake Formation FAQs](#)

Amazon QuickSight

- [What is Amazon QuickSight?](#)
- [Amazon QuickSight FAQs](#)

Storage Best Practices for Data and Analytics Applications

- [Storage Best Practices for Data and Analytics Applications](#)
- [Data ingestion methods](#)
- [Transforming data assets](#)
- [Securing, protecting, and managing data](#)

AWS DataSync

- [What is AWS DataSync?](#)
- [AWS DataSync FAQs](#)

AWS Storage Gateway

- [AWS Storage Gateway Documentation](#)
- [AWS Storage Gateway FAQs](#)

AWS Glue

- [AWS Glue Documentation](#)
- [Built-in transforms](#)

Amazon Kinesis

- [Amazon Kinesis Documentation](#)
- [Amazon Kinesis Data Streams FAQs](#)
- [Amazon Kinesis Data Firehose FAQs](#)
- [Amazon Kinesis Video Streams FAQs](#)

Amazon EMR

- [What is Amazon EMR?](#)
- [Amazon EMR FAQs](#)
- [Live Streaming on AWS](#)