**SQS**

* SQS stands for Simple Queue Service.
* SQS is a managed message queuing service on AWS.
* It facilitates asynchronous communication between components in distributed systems.
* SQS offers two queue types: standard and FIFO, each suited for different requirements.
* Standard queues prioritize high throughput, while FIFO queues ensure message ordering and exactly-once processing.
* Messages in SQS queues can include metadata attributes and have a size limit of 256 KB.
* SQS queues serve various purposes such as workload distribution and task offloading.
* The service seamlessly integrates with other AWS offerings like Lambda, EC2, S3, and SNS.
* Features like dead-letter queues and long polling enhance reliability and performance.
* SQS adopts pay-as-you-go pricing based on usage metrics like requests and data transfer.
* It simplifies the development of scalable and resilient distributed applications.