

AWS

Simple Queue Service (SQS)

what is it?

Amazon Simple Queue Service (SQS) is a fully managed message queue service. It is used in application integration and allows apps and services to communicate with pulled messages when these are decoupled.

Key things to know

- SQS can be used to throttle workload and process work in batches with non-time sensitive messages being retained for up to 14 days
- Messages can be up to 256KB in any format
- If the job isn't processed before the time out expires the message will be placed back in the queue, which could cause the message to be processed twice
- The standard queue uses 'best-effort' ordering, FIFO queues guarantee messages are pulled in the order that they arrive
- By default short polling returns messages immediately. Long polling waits until there is a message in the queue or until the timeout expires
- Auto-scaling groups can monitor the SQS group and scale up and down depending on the number of messages in the queue

