* Lambda is a serverless function. You upload your code and it runs without you managing or provisioning any servers
* Officially supported by Lambda: Ruby, Python, Java, NodeJs, C#, Powershell, and Go
* AWS API Gateway and AWS Step Functions  invoke synchronously and asynchronously the AWS Lambda function.
* You can use Lambda as scheduled event and read log files from AWS CloudWatch or CloudTrail and report any errors through SNS notifications.
* The maximum batch size supported by AWS SQS for ReceiveMessage call is 10.
* **Amazon Simple Notification Service (SNS)**

Encrypt topics via KMS

* **Simple Queue Service (SQS)** is a queuing service using messages with a queue.
* To read SQS use need to pull the queue using the AWS SDK and uses pull-based (polling) not push-based.
* Messages can be kept in the queue from 1 minute to 14 days Messages will be deleted from the queue after a job has processed
* The default visibility time-out is 30 seconds. The timeout can be 0 seconds to a maximum of 12 hours.
* Message size between 1 byte to 256 kb,