SNS – A Messaging service

Messaging

Simple Queue Service

Simple Notification Service

SES

SNS (Simple Notification Service)

- SNS is a web service
- Makes it easy to setup, operate, and send notifications from the cloud
- Pub/Sub model – publish/Subscribe
- Amazon's SNS has the following subscribers;
  - Lambda – business logic/code
  - SQS,
  - HTTPS
  - Email
  - SMS
- SWF is not a valid subscriber
- It is a push messaging system (not a pull)
- when you create a topic, an amazon resource name (ARN) is created.
- Topic is another key concept

SNS (Simple Notification Service)

What type of Queue do you need?

SNS dashboard

Common actions

Create topic
Create a communication channel to send messages and subscribe to notifications

Create platform application
Create a platform application for mobile devices

Create subscription
Subscribe an endpoint to a topic to receive messages published to that topic

Publish message
Publish a message to a topic or as a direct publish to a platform endpoint

Publish text message (SMS)
Publish a text message to a phone number

SNS vs SQS

❖ Both are messaging service

❖ SNS is push while SQS is pull (you have to poll to get a message off the queue)

❖ SNS is a way to have multiple amazon services to work on an event

SNS – send email – Hands on

- Objective is to send email using SNS service.

- Steps would be as follows
  - Create a topic
  - Create a subscriber for above creative topic. Choose email in dropdown of protocol list. Verify your email address
  - Publish the message. Make sure the message that you published appears as email