**TERRAFORM AWS SNS**

Amazon Simple Notification Service (SNS) sends notifications two ways, Application to Application (A2A) and Application to Person (A2P). A2A provides high-throughput, push-based, many-to-many messaging between distributed systems, microservices, and event-driven serverless applications. These applications include Amazon Simple Queue Service (SQS), Amazon Kinesis Data Firehose, AWS Lambda, and other HTTPS endpoints. A2P functionality lets you send messages to your customers with SMS texts, push notifications, and email.

It provides the ability to create a Topic that is a logical access point and communication channel. Each topic has a different name that identifies the SNS endpoint for publishers to post messages and subscribers to register for notifications.

**Types of AWS SNS Topics:** There are 2 types of AWS SNS Topics:

1. Standard Topic: Standard Topic is used in many scenarios where the order of message is not important. It supports a nearly unlimited number of messages per second. In standard topic duplicate messages can be delivered.
2. FIFO Topic: FIFO Topic is used in messaging between applications where the order of operations and events is critical. It supports up to 300 messages per second or 10 MB per second per FIFO topic. In a FIFO topic, duplicate messages are not delivered.

**Message Endpoints:** AWS SNS can publish messages to many different endpoints:

* HTTP and HTTPS
* Email and Email-JSON
* AWS SQS
* Applications
* AWS Lambda
* SMS (depending on region)

**TERRAFORM FILES**