

Service Summary Cards (SSC)

Reference:

[FAQs](#)

Category:

Application
Integration



Amazon Simple
Notification Service
(Amazon SNS)

What?

- Amazon Simple Notification Service (Amazon SNS) is a fully managed push-based messaging service for both application-to-application (A2A) and application-to-person (A2P) communication.
- It provides message delivery from publishers to subscribers (also known as *producers* and *consumers*).

Why?

- Amazon SNS is a highly available, durable, secure, fully managed pub/sub messaging service that enables you to decouple microservices, distributed systems, and event-driven serverless applications.
- Amazon SNS provides topics for high-throughput, push-based, many-to-many messaging.

When?

- You can use Amazon SNS to support a wide variety of needs including event notification, monitoring applications, workflow systems, time-sensitive information updates, mobile applications, and any other application that generates or consumes notifications.

Where?

- Amazon SNS is a regional service.

Who?

- With simple APIs requiring minimal up-front development effort, no maintenance or management, Amazon SNS gives developers an easy mechanism to incorporate a powerful notification system with their applications.

How?

- Developers must first create a “topic” which is an “access point” – identifying a specific subject or event type – for publishing messages and allowing clients to subscribe for notifications. Topic owner can set policies for it such as limiting who can publish messages or subscribe, or specifying which protocols will be supported (i.e. HTTP/HTTPS, email, SMS).

How much?

- Standard topic - number of monthly API requests made, and the number of deliveries to various endpoints.
- FIFO topic - pricing is based on the number of published messages, the number of subscribed messages, and their respective amount of payload data.

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