SNS

* SNS stands for Simple Notification service.
* SNS is AWS's managed messaging service.
* It delivers notifications to subscribers through various channels like SMS, email, HTTP endpoints, etc.
* SNS supports pub/sub messaging and push notifications for mobile apps.
* Users publish messages to topics, which are then distributed to subscribers.
* Subscribers can be Lambda functions, SQS queues, HTTP endpoints, emails, SMS recipients, or mobile devices.
* SNS ensures high throughput, low latency, and scalability for message delivery.
* Features like message filtering, attributes, and retries enhance message handling.
* It integrates seamlessly with AWS services like CloudWatch, CloudTrail, and Lambda for monitoring and automation.
* Pricing depends on message deliveries, subscriptions, and optional features.
* SNS is used for various purposes like application notifications and system alerts.
* It simplifies sending notifications across distributed systems and apps.