AWS Certified Solutions Architect: Associate - 8.0 SQS, SWF, and SNS

File Name: amazon-acsaa-8-3-simple_notification_service

Title: Amazon Simple Notification Service

Subtitle: AWS Certified Solutions Architect: Associate

8.3 Amazon Simple Notification Service

- Basics
  - Allows you to send notifications
  - Publish-Subscribe messaging paradigm
  - Can use push or client poll
  - Supports SMS, Mobile and Email among others
- Components (Diagram)
  - Publishers
  - Subscribers
  - Topics
    - Defined in SNS
    - Name must be unique within your SNS topics
    - Subscribers attach to a topic
    - Publishers announce to the same topic
- Scenarios
  - Monitoring applications
  - Time-sensitive updates
  - Relaying events between workflows
  - Moving data between stores
  - Updating records in business systems
- Advanced Features
  - Fanout
    - One message is sent to multiple queues
    - (Diagram)
    - Scenarios
      - Dev/Prod
      - Accounting/Shipping
      - Prod/DR
  - AWS System Alerts
    - Changes to an Auto Scaling group
  - Push email and text messaging
  - Mobile push notifications
    - Performed through an app
    - e.g. Announcing a new version