

# Cloud-based Data Management

## AWS Queueing

# Objective

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Objective

**Explain AWS services**

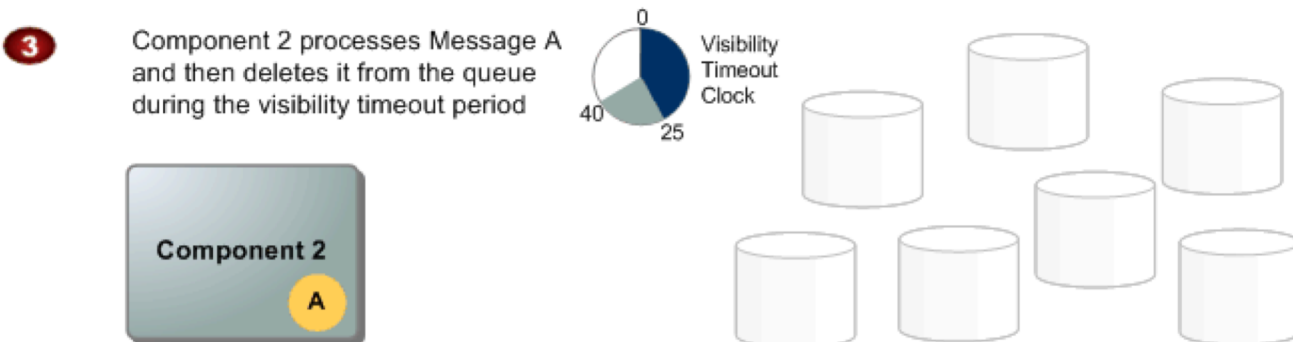
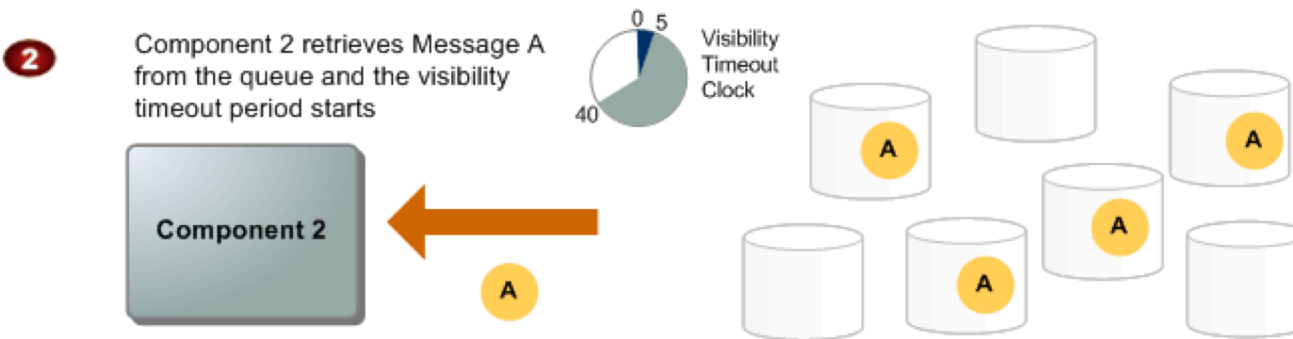
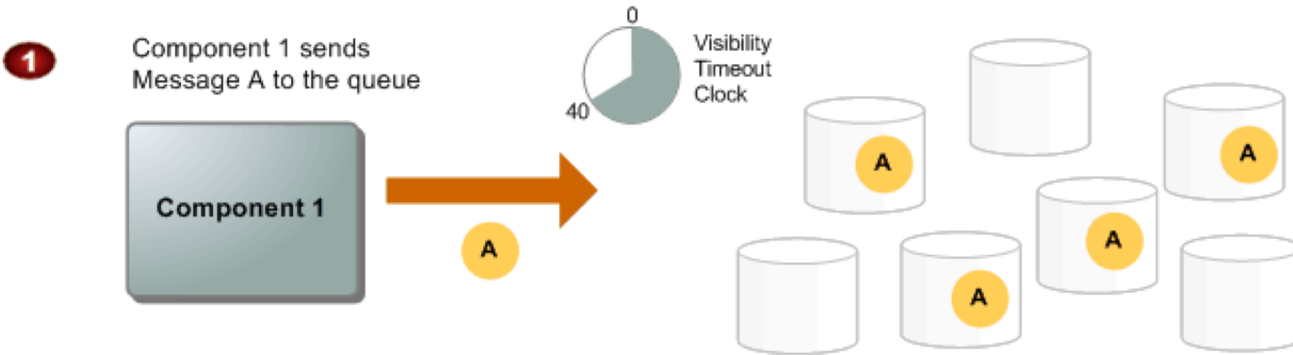
# Simple Queue Service (SQS)



## Fast, reliable, scalable message queuing service

- | Make it simple and cost-effective to decouple the components of a cloud application
- | A queue acts as a buffer between producers and consumers
- | Messages can contain up to 256KB of text in any format
- | SQS ensures delivery of every message at least once
- | Supports multiple readers and writers working on the same queue concurrently

# Simple Queue Service (SQS)



# AWS Command Line Interface



- | A unified tool for managing AWS services

- | Available for Windows, Linux, OS X, Unix

- | Create an IAM user for using the command lines

- | User guide:

- <http://docs.aws.amazon.com/cli/latest/userguide/>

- | References:

- <http://docs.aws.amazon.com/cli/latest/reference/>