



Architecting on AWS

Reference Material - v4.0

July 2021



Explore | Expand | Enrich



Training Partner

Introduction	2
Whitepapers	2
AWS Documentation	2
Well-Architected Framework	2
Cheat Sheets	3
AWS - FAQs - https://aws.amazon.com/faqs	3
Compute	3
Storage	3
Database	3
Networking and Content Delivery	4
Management Tools	4
AI and ML	4
Analytics	4
Security, Identity, & Compliance	5
Application Integration	5
Billing & Support	5
What's new at AWS	5
Knowledge Center - AWS Support	6
Videos	7
AWS Cost Management & Artifact	8
AWS Cost Management Pricing	8
AWS Cost Management Pricing	8
AWS Simple Monthly Calculator	8
AWS Total Cost of Ownership (TCO) Calculator	8
AWS Artifact - Getting Started	8
Access Compliance Reports	8
AWS Artifact Documentation	8
Training and Certification	8
AWS Certification	8

Introduction

1. [What is Cloud Computing?](#)
2. [Overview of AWS Cloud Adoption Framework](#)
3. [The Business Value of AWS](#)
4. [Architecting for the Cloud](#)

Whitepapers

1. [Overview of AWS Services](#)
2. [How AWS Pricing Works](#)
3. [AWS Storage Services Overview](#)
4. [AWS Security Best Practices](#)

AWS Documentation

- [Guides and API References](#)

Well-Architected Framework

- [AWS Well-Architected Framework](#)
- [Reliability Pillar](#)
- [Security Pillar](#)
- [Performance Efficiency Pillar](#)
- [Cost Optimization Pillar](#)
- [Operational Excellence Pillar](#)

Cheat Sheets

- [Comparison of AWS Services](#)
- [AWS Compute Services](#)
- [AWS Database Services](#)
- [AWS Storage Services](#)
- [AWS Management Tools](#)
- [AWS Networking and Content Delivery](#)
- [AWS Billing and Cost Management](#)
- [AWS Well-Architected Framework](#)

AWS - FAQs

FAQs Home - <https://aws.amazon.com/faqs>

Compute

[Amazon EC2](#)

[AWS Elastic](#)

[Elastic Load](#)

[Amazon EC2 Auto](#)

[Beanstalk](#)

[Balancing](#)

[Scaling](#)

[AWS Lambda](#)

[EC2 Savings plans](#)

[EC2 Image Builder](#)

Storage

[Amazon EBS](#)

[Amazon FSx for](#)

[AWS Snowball](#)

[Amazon EFS](#)

[Windows File](#)

[AWS Snowmobile](#)

[Amazon FSx for](#)

[Server](#)

[AWS Storage](#)

[Lustre](#)

[Amazon S3](#)

[Gateway](#)

[AWS Snowcone](#)

[Amazon S3 Glacier](#)

Database

[Amazon Aurora](#)[Amazon RDS](#)[Amazon](#)[DynamoDB](#)[Amazon](#)[ElastiCache](#)[Amazon Redshift](#)[Amazon Neptune](#)[AWS Database](#)[Migration Service](#)

Networking and Content Delivery

[Amazon VPC](#)[Amazon](#)[CloudFront](#)[Amazon Route 53](#)[Amazon API](#)[Gateway](#)[AWS Direct](#)[Connect](#)[AWS Transit](#)[Gateway](#)

Management Tools

[Amazon](#)[CloudWatch](#)[AWS Auto Scaling](#)[AWS](#)[CloudFormation](#)[Amazon](#)[CloudTrail](#)[Amazon Config](#)[AWS Trusted](#)[Advisor](#)[AWS Management](#)
[Console](#)[AWS Managed](#)
[Services](#)[AWS Quick Starts](#)

AI and ML

[AWS Comprehend](#)[AWS Lex](#)[AWS Polly](#)[AWS Rekognition](#)[Amazon Machine](#)
[Learning](#)[AWS Translate](#)[AWS Transcribe](#)

Analytics

[Amazon Athena](#)[Amazon Elastic](#)[MapReduce](#)[Amazon](#)[Elasticsearch](#)[Amazon Kinesis](#)[AWS Data Pipeline](#)

Security, Identity, & Compliance

[AWS Identity and Access Management \(IAM\)](#)

[Amazon Cognito](#)

[AWS GuardDuty](#)

[Amazon Inspector](#)

[Amazon Macie](#)

[AWS Certificate Manager](#)

[AWS CloudHSM](#)

[AWS Directory Service](#)

[AWS Key Management Service](#)

[AWS Organizations](#)

[AWS Single Sign-On](#)

[AWS Shield](#)

[AWS WAF](#)

[AWS Artifact](#)

Application Integration

[Amazon MQ](#)

[Amazon SQS](#)

[Amazon SNS](#)

[Amazon SES](#)

Billing & Support

[AWS Billing](#)

[AWS Support](#)

[AWS Pricing Calculator](#)

What's new at AWS

<https://aws.amazon.com/new/>

Knowledge Center - AWS Support

1. [Amazon EC2](#)
2. [Amazon S3](#)
3. [Amazon RDS](#)
4. [Amazon CloudFront](#)
5. [Account Management](#)
6. [Billing Management](#)
7. [Amazon SNS](#)
8. [Amazon Elastic Block Store \(Amazon EBS\)](#)
9. [Amazon File System \(Amazon EFS\)](#)
10. [Amazon Glacier](#)
11. [AWS Organizations](#)
12. [AWS CloudFormation](#)
13. [AWS Elastic Beanstalk](#)
14. [AWS Lambda](#)
15. [Amazon Elastic Container Service](#)
16. [Amazon Elastic Service for Kubernetes](#)
17. [Amazon ElastiCache](#)
18. [Amazon CloudWatch](#)
19. [AWS Snowball](#)
20. [Amazon API Gateway](#)
21. [AWS Direct Connect](#)
22. [Elastic Load Balancing](#)
23. [Amazon Route 53](#)
24. [AWS Certificate Manager](#)
25. [AWS CloudHSM](#)
26. [AWS CloudTrail](#)
27. [Amazon Cognito](#)
28. [AWS Config](#)
29. [Amazon GuardDuty](#)
30. [AWS Identity and Access Management](#)
31. [Amazon Inspector](#)
32. [AWS Key Management Service](#)
33. [AWS WAF](#)
34. [AWS Transit Gateway](#)
35. [Amazon Virtual Private Cloud \(VPC\)](#)
36. [AWS Support](#)
37. [AWS Tools and SDKs](#)

Videos

Basics

- [What is cloud computing?](#)
- [What is AWS?](#)

Compute

- [Introduction to Amazon EC2](#)
- [Introduction to AWS Lambda](#)

Storage

- [Getting Started with Amazon S3](#)
- [Introduction to Amazon S3](#)
- [AWS Storage Gateway](#)
- [Elastic Block Store \(EBS\)](#)

Networking

- [Networking Fundamentals](#)
- [Cloudfront Introduction](#)

Databases

- [How to choose a database on AWS?](#)

Case Studies

- [Netflix](#)
- [McDonald's](#)
- [Dream 11](#)
- [Under Armour](#)
- [PayU](#)

Demos

- [How to build a simple web application using AWS?](#)
- [Architecture Best Practices Playlist](#)

AWS Cost Management & Artifact

AWS Cost Management Pricing

- [AWS Cost Management Pricing](#)

AWS Simple Monthly Calculator

- [AWS Simple Monthly Calculator](#)

AWS Total Cost of Ownership (TCO) Calculator

- [AWS TCO Calculator](#)

AWS Artifact - Getting Started

Access Compliance Reports

- [AWS Artifact Documentation](#)

Training and Certification

AWS Certification

- [AWS Certification](#)
- [Learning Paths](#)
- [Certificate Preparation](#)
- [AWS Certified Solutions Architect - Associate](#)
- [Exam Guide](#)
- [Sample Questions](#)
- [AWS Certification](#)
- [AWS Exams \(Online Proctored Exam\)](#)



Architecting on AWS

Reference Material - v4.0

May 2021

—



Explore | Expand | Enrich



Training Partner