

Amazon Web Services

Rammohan

**Contents:**

1. Basics
   1. Linux
   2. Storage DONE
   3. Networking
2. Cloud Computing
   1. Introduction
   2. Why Cloud Computing DONE
   3. Benefits of Cloud Computing
3. Types of Cloud Computing
   1. Private Cloud
   2. Public Cloud DonE
   3. Hybrid Cloud
   4. Community Cloud
4. Cloud Computing models
   1. SAAS
   2. PAAS
   3. IAAS DONE
   4. FAAS
   5. DAAS
5. Amazon Web Services
   1. Introduction
   2. AWS Global Infrastructure
   3. Regions
   4. Availability Zones DONE
   5. Edge Locations
6. Identity and Access Management(IAM)
   1. Users
   2. Groups
   3. Roles
   4. Policies DONE
   5. Password Policy
   6. Federation overview
7. Virtual Private Cloud(VPC)
   1. VPC
   2. Subnets
   3. RouteTables
   4. Internet Gateway
   5. NAT/ NAT Gateway
   6. VPC Peering
   7. End Points DONE
   8. Security Groups
   9. Network ACLs
   10. VPN Tunnel
   11. Direct Connect Overview
8. Elastic Compute Cloud(EC2)
   1. Instance Types DONE
   2. Amazon Machine Images
   3. Key Pairs
   4. End to End setup

1. Elastic Block Store(EBS)
   1. EBS Volume Types DONE
   2. Snapshots
2. Elastic Load Balancer
   1. ALB
   2. NLB DONE
   3. CLB
3. Simple Storage Service(S3)
   1. Buckets
   2. Objects
   3. Storage Classes
   4. Features
4. AWS Glacier DONE
5. Cloud Trail DONE
6. AWS Config
   1. Rules
   2. Aggregator
   3. Features
7. Trusted Advisor DONE
8. Cloudwatch
   1. Alarms
   2. Metrics
   3. Dashboard
   4. Events
9. AWS Lambda
   1. Features
   2. Runtime environments DONE
   3. Sample Functions and execution
10. AWS Elastic beanstalk
    1. Introduction
    2. Sample Application setup DONE
    3. Features
11. Route53
    1. Introduction
    2. Hosted Zones
    3. Domain creation process
    4. Features
12. RDS
    1. Introduction
    2. Features DONE
    3. Demo to setup a Database
13. Simple Notification Service DONE
14. AWS DynamoDB DONE
15. AWS WAF DONE
16. AWS Shield DONE
17. AWS Inspector DONE
18. Amazon Macie
19. AWS Gaurdduty
20. AWS Xray
21. Cloud Formation