Amazon AWS Syllabus (theory)

1. Introduction
2. AWS Infrastructure
3. Amazon Elastic Block storage
4. Identity and Access Management (IAM)
   1. IAM User
   2. IAM Group
   3. IAM Role
   4. IAM policies
   5. Multi Factor Authentication
5. Amazon S3 (Simple Storage Service) & Glacier
6. Elastic Load Balancer (ELB)
7. Amazon VPC (Virtual Private cloud)
8. CIDR & VLSM subnet networkinng
9. Amazon Route 53
10. Simple Notification Service (SNS) Cloud watch Autoscaling
11. Amazon RDS, Dynamodb & Redshift
12. EFS elastic file system, SQS simple queue service & SES simple email service
13. Cloud formation

Amazon AWS Syllabus (Practical)

1. To Launch Amazon Linux EC2 instance in AWS
   1. To connect to “Amazon Linux instance” from Linux client operating system
   2. To connect to “Amazon Linux instance” from Windows client operating system
2. To Launch Windows EC2 Instance in AWS
   1. To connect to “windows instance” from windows client operating system
   2. To connect to you windows instance using Linux client operating system
3. To Configure Web server on Amazon Linux Instance with Elastic IP
4. To assign Elastic IP Address
5. To manage elastic block store (EBS)
6. To manage IAM User, Group and Policies
7. To configure Amazon simple storage server (Amazon S3)
8. To configure Amazon Glacier
9. To configure Virtual Private Cloud (VPC)
   1. To create your own VPC
   2. To create public subnet
   3. To create private subnet
10. To configure Amazon Cloud Watch
11. To Configure Amazon Simple Notification Service (SNS)
12. To configure Amazon Elastic Load Balancer
13. To configure Auto Scaling with Load Balancer
14. To configure an Elastic Beanstalk with tomcat application
15. To configure an Amazon Relational Database Service
16. To configure Amazon Dynamo DB
17. To configure Amazon Cloud Formation