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1. IAM :- (L₁, L₂ Teams)

- a) User Management----- > 15 trouble shoots explanation with tasks
- b) Groups----- > 3 trouble shoots explanation with tasks
- c) Policies
- d) Roles -----> L₁, L₂ level
- e) MFA ----- > 2 trouble shoots explanation
- f) Password Policies
- g) Granular Permission Concept----- > Windows, Linux, AWS, Permission Explanation

2. EC2 :- (L₂, L₃ Teams)

- a) Create Linux Server
 - 1.Ubuntu
 - 2.Centos 7
 - 3.Redhat
 - 4.Amazon Linux
- b) Create a windows server, Explain AD concept
- c) Explain differences between Linux and Windows servers
- d) Create a Web server
- e) Create a Web Server with Website Hosting
- f) AMI Creation & AMI Migration
- g) Snapshot Creation & Snapshot Migration
- h) Elastic IP Creation, Explanation
- i) Security Group's
- j) All Level Trouble Shoots -- > 10 Troubleshoots

3. Deploying a Node App on EC₂ (Chatting App) ----> (L₃ Team)

4. Creation and Installation of Rabbit-mq Server ----> (L₃ Team)

5. Configuration & Installation of Wildfly Server -----> (L₃ Team)

6. ACM Certificate-----> (L₃ Team)

7. (a) Non Secure Classical Load Balancer

(b) Secure Classical Load Balancer-----> (L₃ Team)

8. Application Load Balancer -----> (L₃ Team)

9. Auto Scaling -----> (L₃, L₄ Team)

- a) High Availability
- b) Incremental Scaling
- c) Decremental Scaling

10. S3 (Simple Storage Service) -----> (L₂, L₃ Team)

- a) Explain about Storage types
- b) Explain about Raid Concept's
- c) Explain SAN Configuration
- d) Cross Region Replication
- e) Static Web Site Hosting
- f) Static Web Site Hosting with Google, Yahoo etc. redirect
- g) Cloud Front
- h) Life Cycle Management
- i) All Levels Troubleshooting

11. SSL Certification -----> (L₃, L₄ Team)

12. Storage Gateway -----> (L₃, L₄ Team)

(Migration Tool)

- a) File Gateway
- b) Volume Gateway

13. VPC -----> (L₄ Team)
 - a) Internet Gateway
 - b) Sub netting Concept
 - c) Sub nets
 - d) Route Tables
 - e) NAT
 - f) Public, Private Server Explanation, Access
 - g) Overall VPC Creation for our Company

14. VPC Peering Connection for D/F VPC----- > (L₄ Team)

15. RDS Instance Creation, Access -----> (L₂ , L₃ Team)

16. Elastic Block Storage -----> (L₃ Team)

17. Cloud Watch -----> (L₂ Team)

18. Cloud Trail -----> (L₁ , L₂ Team)

19. Cloud Formation -----> (L₄ Team)
 - a) Creation of Ec2 instance using cloud formation stack
 - b) Webserver creation using cloud formation stack
 - c) Classical load balancer using cloud formation stack
 - d) Classical load balancer with multiple availability zones using cloud formation stack
 - e) Auto scaling using cloud formation stack
 - f) VPC Creation using cloud formation stack
 - g) VPC Creation with NAT using cloud formation stack
 - h) S3Websitehosting using cloud formation stack
 - i) S3 Access through IAM using cloud formation stack

20. AWS Backup Tool -----> (L₃ Team)
22. Route 53 -----> (L₂ , L₃ Team)
23. SNS -----> (L₂ , L₃ Team)
24. Elastic Beanstalk (Sample Code Explanation) -----> (L₂ Team)
25. Amazon S3 (Sample Code Explanation) -----> (L₂ Team)
26. AWS CLI (EC2-S3) -----> (L₂ Team)
27. JUMP SERVER -----> (L₂ Team)
28. AWS Lambda -----> (L₃ Team)
29. AWS Calculator -----> (L₂ Team)
30. Blue-Green Switch over Activity
31. Kubernetes
32. Open shift
33. Basics of Terraform
34. Basics of GCP(Google cloud platform)

NOTE

- ❖ Here L₁ L₂ L₃ L₄ Indicates the level of tasks in MNC Company
- ❖ Dedication, Time Sense Mandatory
- ❖ Daily Practice on Class
- ❖ After Completion of Course I will give you 25 Projects, Everyone will Submit within 15 Days

- ❖ Once complete the project,
 - 90 minutes Mock Interview
↓ (If Fails)
 - 30 minutes Mock Interview in 3 days
↓ (If Fails)
 - Again Back to Classes

- ❖ If Succeed Interview DUMPS for Certification & Resume will Provide You.

“Practice makes the master.”

Thanks & Regards

RajaSekhar