**MOCK INTERVIEW QUESTION**

**02-07-2022**

1. auto scaling components

Ans - 1 listen

2 target grp

3 target

4 health check

5 auto scaling policy

2. explain policies of auto scaling

Ans - 1.Target tracking policies

2.Simple scaling

3.Schedule

4.Step

5.Predective

3. networking commands used in linux

Ans - ifconfig

ip

traceroute

tracepath

ping

netstat

ss

dig

nslookup

route

host

arp

iwconfig

hostname

curl or wget

mtr

whois

ifplugstatus

iftop

tcpdum

4. load balancing algorithms

Ans - 1 round robin

2 list outstanding request (LOR)

5. NAT gateway explain

Ans - 1.By using this private subnet can access internet

2. It has its own public ip

3. It should be created in public subnet.

4. NAT have only one waly communication

6. difference between NAT and internet gateway

7. default permissions for file and dir. in linux

8. What is shell scripting ?

9. What are the policies of autosacling ?

10. What is shell scripting & their variables ?

11. What is the command for search pattern in linux ?

12. For installing packages from internet which command ?

13. For changing group owner command in linux ?

14. For changing permission in linux ?

15. Roles & responsibilities of devops engineer

16. How to change your Ip in linux

Ans - Q Which ip

If

Interviewer - public ip

Ans - ifconfig command

Else

Interviewer - private ip

Ans - we can't change private ip of ec2 instance within its life.

17. how to check processes in your linux machine

18. how to check kernal in linux

19. if u want to check 47 no. line in a file then what command u use

20. why we use VPC

21. explain target group

22. What is network ACL

23. Five commands for Linux

24. What's requirement of multiple availablity zone

25. How launch EC2 instance?

26. What type of protocol u have use in aws

27. Explain shell scripting

28. How while loop is work

29. What's health check

30. How to identify server is down or not

31. How to Share your instance to other account

32. What is significant Chmod

33. Different between ami and ec2

Ans - Ami is template/ copy of configuered Ec2 instance

Snapshot is exact replica of ebs volume

34. How can we connect two vpc

Ans - By Vpc peering

35. Explain Structure of vpc

Ans - Subnet, ig,nat.

36. Default limits for non-default VPC

Ans - 5vpc per region

200 subnet per vpc

200 network ACL per vpc

5 ig per region

5 nat per Az

37. What is statefull

Ans - Both way traffic allowd

38. What's Persistence volume

Ans - Non corrupting valume chances of data losss is low

39. What is Dynamic IP and Static IP

40. Components of EC2

Ans - Ebs, lb, elb, autoscaling

41. What is ELB And What is LB ? Are they different

42. What's NAT

43. What's subnet

44. What's horizontal and vertical auto scalling

45. What's the green and blue environment

46. How to create target group and how many machine can we add in it

47. How to add user and how can we give permission to that user in Linux

Ans - Usradd - to add user

Sudoers file - permission All All All

48. What's yum command

49. Type of cloud distribution?

Ans - Is it.. SAAS, PAAS, IAAS

50. What's route table

Ans - Set of rule

51. Type of shell scripting

Ans - Bourn shell

Bourn Again Shell - BASH

C Shell

52. What's elastic IP and why are we required

53. Why we required shell scripting

54. Why we use sudo su - command

55. Top command

56. Do you know free command

57. Different between while loop and do-while loop

58. Until Loop

59.What's sudoers file

60. Command for search particular word which is case sensitive

61. Name some auto scalling policies

62. Command to check version of package

63. How to use vpc peering

64. Types of AMI

65. What's the need of vpc

66. Different between agile and devOps

67. HOW INTERNET CONNECTION IS ESTABLISHED IN VPC?

68. COMPONENTS USED TO BUILD A VPC IN AWS

69. USE O FKEY PAIRS

70. HOW MANY ELASTIC IPs CAN YOU CREATE?

71. WHAT IS CONNECTION DRAINING?

72. CAN WE CHANGE OUR PUBLIC AND PRIVATE IP?

73. WHAT WILL HAPPEN WHEN WE DELETE PEERING CONNECTION FROM USER SIDE?

74. CAN WE USE VPC IN MULTIPLE AZ?

75. IS AWS SERVICE AVAILABE AT EVERY REGION? TRUE OR FALSE

76. IS EBS INTERNET ACCESSIBLE ? TRUE OR FALSE

77. CAN YOU EDIT ROUTE TABLE IN VPC

78. CAN WE INCREASE OUR INSTANCE ?FOR EG T2 MICRO TO T2 LARGE

79. WHAT IS NAC

80. HOW MANY SUBNETS DO WE HAVE IN VPC

Ans - 200

81. TYPES OF AMI PROVIDED BY AWS

82. CAN WE MAKE USE OF DEFAULT EBS SNAPSHOT

83. NAME OF AWS CEO

84. USE OF SUBNET

85. SIGNIFICANCE OF DEFAULT VPC

86. WHAT IS HYPERVISOR

Ans - Use for virtualization in cloud

The program which provides partitioning, isolation, or abstraction is called a virtualization hypervisor.

87. WHERE IS NAT GATEWAY INSTALLED ?

Ans - inside public subnet.

88. CAN WE GET 2 WAY COMMUNICATION FOR NAT ?

89. Explain Target tracking policy with example

90. Tac command

Ans - All data shown in reverse order. It is a reverse of cat

91. STEPS TO LAUNCH ASG

Ans - Step 1 - Launch Ec2 instance

Step 2 - create Ami

Step 3- Create targets

Step 4 - Create target group

Step 5 - Create Lb

Step 6 - launch configuration

Step 7 - Create ASG

92. WHAT IS NACL

93. MAX NO OF INSTANCES IN VPC

Ans - 5 in 1 region