AWS QUESTIONS

1. What is IASS vs. PAAS VS. SAAS?
2. What is a VPC flow log?

Calculate 10.0.128.128/252

What are the 5 IP address which are internal used when you creation VPC? Explain them

5. How can we enable users/password for Linux?
6. How to connect ppx to pem or pem to ppk?
7. What is ENI and where is security group?
8. . What are the protection layers of subnet?
9. What is the defiance between stat full and state less ? explain
10. A VPC CIDR is 10.0.0.0/ 16 and you created a subnet 10.0.0.0/8 what all your

comments?

11. How to connect to ec2 if the ec2 instance is created private subnet? What are different
ways?

12. What and where NAT gateway is used?

13. What is endpoint (VPC)? Significant of NAT use vs s3 endpoint?

14. What is client vs. sever?

15. What is public vs. private connectivity explain?

16. What is TCP VS. UDP VS. ICMP? Explain.

17. Explain 7 layers OSI model?

18. What is TLS? What is SSL 1.o v$2.0?

19. What is certificate? What is md5 vs. others?

20. How do you clock one ip address in security group?

21. What is block sterage vs. file system vs. NES?

22. Telnet vs. direct connect?

23. If you want to make your website load

fast, what are the factors to load a website fast?

24. What is NS lookup, Telnet, track route used?

25. How to access instance-id from inside the ec2 instance?

26. What is IPsec?

27. What is placement group? Explain

28. How to run Userdata in ec2,every time when rebooted? (Single run vs. Always run)

29. What is S3 consistency mode?

30. What is bandwidth? explain

31. Explain DNS (Public vs. Private)?

32. What is root server in DNS?

33. What is a DHCP option set in VPC?

34. Elastic ip vs. private ip vs. public ip?

35. What are source/destination cheeks in NAT?

36. What ARN in A WS explain?

O Search

37. You have files in your laptop and regualry what to move the file to S#. how do you

move them?(Automation)

38. What is CName in Route53?

39. What is Host file? Explain

40. Explain ARC of Linux OS?

11. What is event log in (event views) windows?

42. What is the first line of Linux shell script?

43. What is RAM storage vs ROM storage?

44. What are Disk vs SSD?

45. Diff between VPC VS VPN?

46. Where does security group resides?

47. How to install and configure Apache MS manually?

18. What service is used to transfer large Data to AWS S#?

19. How to attach EFS to on-premise (your laptop) and EC2?

50. Defiance between symmetric vs. asymmetric keys?

51. What is RSA?

2. How to send a signal between multiple EC2 in cloud formation template!

3. Application load Balancer vs. Network load Balancer?

4. Explain features of Application load Balancer?

55. What Stickiness? Cookies? Cache?

56. What is trigger in lambda functions?

57. What is max code you write in Lambda?

58. What is response in Lambda?

59. How t o convert Lambda to API?

60. What is diff between containers and EC2?

61. Where do you storage containers images? Explain

62. Create a Dockerfile what are different things (or) component in Dockerfile?

53. What is entrypoint in containers?

64. What is detaching mode in containers?

55. What is the command to find full Network properties of containers

56. Diff between Docker and Docker Compose?

67. Architecture of Docker?

68. What is Microservices? Explain

59. Diff pattems of Micro services?

70. What commands to Pull and Push Docker images?

71. Create a Docker image of Apache/ Nginx?

72. What diff between Docker vs. Kubernetes?

73. Diff between ECR vs Docker Hub?

74. Fargate vs. EKS service in AWS?

75. Difference between Kubernetes vs Docker swarm

76. Advantage and disadvantages of Kubernetes?

77. Explain ARC of Kubernetes?

78. Persistent Volumes?

79. Statefiull stets?

0. What is a container, Pod, Node, Services, Namespaces and Ingress controller?

81. Important of labels in Kubernetes?

82. What is rolling updates?

83. What are init containers?

34. What are configmaps vs secrets?

35. What is importance of deployment in Kubernetes?

36. ReplicaSet vs. replications controllers?

87. Kube proxy?

88. How do we ROLLBACK a Deployment?

89. How do attach a EFS to containers/ POD?

90. What are taints and tolerations?

91. Explain Pod/sub models using SNS/ SQS?

92. You have a lambda faction and you need to connect to a database with lambda what
additional services you use?

93. Difference between AMI and Snapshot?

94. You have an instance storage Volume and you connected a Snapshot what happens
next?

95. Explain HTTP vS. HTTPS?

96. What is the process of connecting

Snapshot to EC2?

97. What is difference between Database Table, Schema, view stored procedures and functions?

98. What are Port numbers of RDP, SSH, HTTP, HTTPS, MS SQL, DNS, FTP, SMTP?

99. What is SLA v SLO?

100. What is KPI?

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