



AWS Interview Questions

- Q1: List the components required to build Amazon VPC?
- Q2: How do you safeguard your EC2 instances running in a VPC?
- Q3: In a VPC how many EC2 instances can you use?
- Q4: Can you establish a peering connection to a VPC in a different REGION?
- Q5: Can you connect your VPC with a VPC owned by another AWS account?
- Q6: What are all the different connectivity options available for your VPC?
- Q7: Can a EC2 instance inside your VPC connect with the EC2 instance belonging to other VPCs?
- Q8: How can you monitor network traffic in your VPC?
- Q9: Difference between Security Groups and ACLs in a VPC?
- Q10: How an EC2 instance in a VPC establish the connection with the internet?
- Q11: Different types of Cloud Computing as per services?
- Q12: What is Auto Scaling?
- Q13: What is AMI?
- Q14: Difference between Stopping and Terminating the Instances?
- Q15: When you launch a standby Relational Database Service instance will it be available in the same Available Zone?
- Q16: Difference between Amazon RDS, DynamoDB and Redshift?
- Q17: What are Lifecycle Hooks?
- Q18: What is S3?
- Q19: What is AWS Lambda?
- Q20: In S3 how many buckets can be created?
- Q21: What is CloudFront?
- Q22: Brief about S3 service in AWS?
- Q23: Explain Regions and Available Zones in EC2?
- Q24: What are the two types of Load Balancer?



- Q25: Can a AMI be shared?
- Q26: What is a Hypervisor?
- Q27: Key Pair and its uses?
- Q28: What is the feature of ClassicLink?
- Q29: Can you edit a Route Table in VPC?
- Q30: How many Elastic IPs can you create?
- Q31: Can you ping the router or default gateway that connects your subnets?
- Q32: How will you monitor the network traffic in a VPC?
- Q33: Can you make a VPC available in multiple Available Zones?
- Q34: How do you ensure an EC2 instance is launched in a particular Available Zone?
- Q35: For Internet Gateways do you find any Bandwidth constraints?
- Q36: What is the significance of a Default VPC?
- Q37: Can you make use of default EBS Snapshots?
- Q38: What will happen when you delete a PEERING CONNECTION in your side?
- Q39: Can you establish a Peering connection to a VPC in a different region?
- Q40: Can you connect your VPC with a VPC created by another AWS account?
- Q41: When you delete your DB instance what will happen to your backups and DB snapshots?
- Q42: What is the significance of an Elastic IP?
- Q43: How will you use S3 with your EC2 instances?
- Q44: Is this possible to connect your company datacenter to Amazon Cloud?
- Q45: Can you change the Private IP of an EC2 instance while it is running or stopped?
- Q46: What is the use of Subnets?
- Q47: What is the use of Route Table?
- Q48: Can you use the Standby DB instance for read and write along with your Primary DB instance?
- Q49: What is the use of Connection Draining?
- Q50: What is the role of AWS CloudTrail?



Q51: What is the use of Amazon Transfer Acceleration Service?

Q52: What is the name of AWS CEO or Chief ?

Q53: EC2 officially launch in

Q54: S3 Launched officially lunched in

Q55: You cannot store unlimited data in Amazon Web Services.....

Q56: Rapid provisioning allows you to very quickly spin up a new virtual machine with minimal effort. True or false ?

Q57: A hybrid setup is one in which part of your resources are AWS and the rest are with another cloud provider. True or False ?

Q58: As an added layer of security for AWS management, which of the following should be you do ?

EC2, Elastic Computing & Instances Types

Q59: Is AMI template ?

Q60: EC2 Instances are Virtual Server in AWS

Q61: What does “elastic” refer to in Elastic Compute Cloud(EC2)? Select all that apply.

Q62: You can upload a custom configuration virtual image and sell it on the AWS Marketplace. True or false ?

Q63: EC2 Machine types define which of the following ?

Q64: Which is default instance type

Q65: What is Elastic Computing ?

Q66: You can upload a custom configuration virtual image and sell it on the AWS Marketplace. True or false ?

Q67: EC2 Machine types define which of the following ?

Q68: Which is default instance type

Q69: What is Elastic Computing ?

Q70: Can We launch multiple instances with same AMI ?

Q71: PEM file is one time physical password...

Q72: Windows user required PPK file to connect Linux instance hosted on AWS.



Q73: You can purchase time on EC2 directly from other users and specify the price you want to pay. True or false ?

Q74: Which of the following might prevent your EC2 instance from appearing in the list of instances?

Q75: Which of the following main reason to terminate an unused EC2 instance ?

Q76: Which AWS service exists only to redundantly cache data and images ?

Q77: Regions, AZs and Edge Locations all terms are same...

Q78: AWS every service is available at every regions....

Q79: Premium support is Available in AWS for Developer, Business & Enterprise level ?

Q80: Can you add new Debit/Credit card in your AWS Account ?

Q81: Can you increase micro to large of instance ?

Q82: On-demand instances is based on a bid mechanism.

Q83: RI can be sold on the AWS marketplace?

Q84: Which is default types options in AWS?

Q85: What are On-demand, RI and Spot instances ? Which instance is best on Production?

Q87: Amazon S3 is internet accessible storage via HTTP /HTTPS

Q88: Amazon S3 is not a object level of storage

Q89: Amazon S3 is storage for the Internet

Q90: Temporary storage access speed is not guaranteed.

Q91: There is 99.99% SLA(Service Level Agreement) for temporary storage.

Q92: Ephemeral storage is block-level storage ?

Q93: Single object size is up to 5 TB in Amazon S3.

Q94: You can create unlimited bucket size in Amazon S3.

Q95: By default, Instance-Backed and EBS-Backed root volumes delete all data. However, when using EBS-Backed storage, you can configure it to save the data on the root volume. True or false ?

Q96: You can switch from an Instance-Backed to an EBS-Backed root volume at any time. True or False ?



Q97: When using an EBS-Backed machine, you can override the terminate option and save the root volume. True or False ?

Q98: Which of the following is a service of AWS Simple Storage Service(S3)? Select all that apply.

Q99: What's the difference between instance store and EBS?

Q100: BS can be attached to any running instance that is in the same Availability Zone ?

Q101: EBS is internet accessible

Q102: EBS has persistent file system for EC2

Q103: EBS supports incremental snapshots

Q104: Amazon Glacier enables customers to offload the administrative burdens of operating and scaling storage to AWS.

Q105: Amazon Glacier is a great storage choice when low storage cost is paramount.

Q106: Data is rarely retrieved, and retrieval latency of several hours is acceptable in Glacier

Q107: Glacier is basically for data archival

Q108: It is very cheap storage

Q109: Glacier has very, very slow retrieval times

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Q112: When using an EBS-Backed machine, you can override the terminate option and save the root volume.

Q113: VPC is Private, Isolated, Virtual Network

Q114: VPC would be logically isolated network in AWS cloud

Q115: VPC is also give control of network architecture

Q116: VPC is also going to enhanced security

Q117: VPC has ability to interwork with other organizations

Q118: VPC does not enable hybrid cloud(site-to-site VPN)

Q119: Route Table is a set of Rules tells the direction of network

Q120: Security Group is a subnet level of security



- Q121: NACLs(Network Access Lists) is a resource level of security
- Q122: Any default stack is available in Cloud Formation ?
- Q123: What is the difference between Stack and Template in Cloud Formation ?
- Q124: We can create multiple server for same stack ?
- Q125: Can you explain the term SQS is pull based, not pushed base.
- Q126. How many Elastic IP address can be associated with a single account?
- Q127. What is the name to the additional network interfaces that can be created and attached to any Amazon EC2 instance in your VPC?
- Q128. You have configured ELB with three instances connected to that. If your instances are unhealthy or terminated, the traffic should be automatically replaced to another instance, what type of service can be used to achieve this requirement?
- Q129. After configuring ELB, you need to ensure that the user requests are always attached to a single instance. What setting can you use?
- Q130. Which of the following metrics cannot have a cloud watch alarm?
- Q131. Which of the below mentioned service is provided by Cloud watch?
- Q132. A user has Launched an EC2 instance which of the below mentioned statements is not true respect to instance addressing?
- Q133. Which of the following service provides the edge – storage or content delivery system that caches data at different locations?
- Q134. A user is launching an instance under the free usage tier from the AMI with a snapshot size of 50 GB. How can the user launch the instance under the free usage tier?
- Q135. What are the possible connection issues you can face while connecting to your instance?
- Q136. You are enabled sticky session with ELB. What does it do with your instance?
- Q137. Which is a main email platform that provides an easy, cost effective way for you to send compliance and receive a response using your own email address and domains?
- Q138. Which type of load balancer makes routing decisions at either the transport layer or the application layer and supports either EC2 or VPC.
- Q139. AWS Cloud Front has been configured to handle the customer requests to the web server launched in Linux machine. How many requests per second can Amazon Cloud Front handle?
- Q140. You are going to launched one instance with security group. While configuring security group, what are the things you have to select?



- Q141. Which is virtual network interface that you can attach to an instance in a VPC?
- Q142. You have launched a Linux instance in AWS EC2. While configuring security group, you have selected SSH, HTTP, HTTPS protocol. Why do we need to select SSH?
- Q143. You need to quickly set up an email service because a client needs to start using it in the next hour. Amazon service seems to be the logical choice but there are several options available to set it up. Which of the following options to set up AWS service would best meet the needs of the client?
- Q144. You have chosen a windows instance with Classic and you want to make some change to the security group. How will these changes be effective?
- Q145. Load Balancer and DNS service comes under which type of cloud service?
- Q146. You have an EC2 instance that has an unencrypted volume. You want to create another encrypted volume from this unencrypted volume. Which of the following steps can achieve this?
- Q147. Where does the user specify the maximum number of instances with the auto scaling commands?
- Q148. A user is identify that a huge data download is occurring on his instance he has already set the auto scaling policy to increase the instance count when the network Input Output increase beyond a threshold limits how can the user ensure that this temporary event does not result in scaling
- Q149. Which are the types of AMI provided by AWS?
- AWS Interview Questions and Answers for Freshers
- Q150. What is the significance of forming Subnets?
- Q2: If you want to launch your instance on a single-tenancy platform, which option you would select against Instance Tenancy Attribute parameter?
- Q151. Which AWS Service you would use to transfer objects from your data center, when you are using Amazon CloudFront?
- Q152 _____ is a fully managed Data Warehouse service from AWS?
- Q153. Which of the following statements are applicable to AWS Elastic File System(EFS)?
- Q154. What is the role of Connection Draining?
- Q155. What is the use of Lambda?
- Q156. What is Application Load Balancing?
- Q157. What are the uses of Elastic Beanstalk?



- Q158. Can you connect your company's datacenter to the Amazon Cloud network?
- Q159. You have commissioned PRIVATE servers in your premises. You also distributed some of your workloads with the PUBLIC cloud. What type of architecture is this?
- Q160. DynamoDB _____. Which one of the following is true regarding DynamoDB?
- Q161: What are the significances of AWS CloudTrail?
- Q162. Which one is a global Content Delivery Network service that securely delivers data, videos, applications, and APIs to your viewers with low latency and high transfer speeds?
- Q163. Is AWS offering Reserved Instances facility for Multiple-Subnet deployments?
- Q164. Select the correct statement from the below:
- Q165. Name the AWS DB Service which is Server-Less and NoSQL DB which delivers consistent single-digit millisecond latency at any scale?
- Q166. Is this advisable to keep your Standby-Database instance in the same zone where your primary instance is running?
- Q167. Can objects in S3 be delivered by Amazon CloudFront?
- Q168. What you should do if you want to launch an EC2 instance with a pre-allocated private IP address?
- Q169. Can you edit a Security Group (SG) rules when it is used by multiple EC2 instances? Will new rules apply to all previously running EC2 instances?
- Q170. Which of the following statements are true with Route 53?
- Q171. What is a Virtual Private Cloud (VPC)?
- Q172. What is an Elastic IP?
- Q173. _____ is a fully managed in-memory data store service offered by Amazon Web Services (AWS)?
- Q174. In AWS which service is used to create Domain Name for their customers?
- Q175. Which one is a valid statement regarding EBS-Volumes?
- Q176. Which one is a valid statement regarding EBS-Snapshots?
- Q178. Which one is the valid scenario?
- Q179. How do you connect a VPC to your Office Datacenter?
- Q180. Choose the valid scenarios regarding VPC?



- Q181. How the EC2 instances inside a VPC directly access the internet?
- Q182. Which one is the highly secured design?
- Q183. Keeping your instance in a public subnet and database in a private subnet. What type of cloud deployment model is this?
- Q184. Which service distribute the contents from Edge Locations to the end users to reduce the latency?
- Q185. I am a cloud web service used for hosting your application. Who am I?
- Q186. You can add _____ to your Auto Scaling group so that you can perform custom actions when instances launch or terminate.
- Q187. What is Auto Scaling?
- Q188. You want complex querying capabilities but don't want data warehouse. Which database service you would choose?
- Q189. What is an Availability Zone?
- Q190. The cloud infrastructure is shared by several organizations and supports specific group that has shared concerns. Government departments, universities, central banks etc. often find this type of cloud useful. What kind of cloud deployment model is this?
- Q191. How many Buckets you can create in S3?
- Q192. What is the maximum size of a S3 Bucket?
- Q193. Which service of Amazon AWS is used to host a static website?
- Q194. Which of the following is not a Part of Security groups?
- Q195. A data transport solution that accelerates moving terabytes to petabytes of data into and out of AWS using storage devices designed to be secure for physical transport. Name this solution.
- Q196. What type of IP address do you use for your CGW (Customer Gateway) address?
- Q197. How many subnets you can have per VPC?
- Q198. I have a REST API interface and uses secure HMAC-SHA1 authentication keys. I am also a data storage system. Who am I?
- Q199. I am a structured data store. I support indexing and data queries to both EC2 and S3. Who am I?
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- Q.215. Which are the types of AMI provided by AWS?
- Q 216. Name some cloud service providers for public & private cloud ?
- Q 217. What are all the different Instance categories based on pricing and explain them briefly ?
- Q 218. I have some private servers on my premises, also I have distributed some of my workload on the public cloud, what is this architecture called ?
- Q 219. What is the difference between S3 and Glacier storage ?
- Q 220. Name some Database engines available natively in RDS services ?
- Q 221. How can you automate resource provisioning in AWS ?



- Q 222. What is autoscaling & mentions some of its benefits ?
- Q 223. What is the difference between S3 availability & durability ?
- Q 224. Mention some important features of S3 buckets ?
- Q 225. What are all the measures that you take to protect the data in S3 ?
- Q 226. What is Elastic IP address ?
- Q 227. You have a webserver running on an Amazon EC2 instances that is approaching 100% CPU utilization. Which option will reduce load on the Amazon EC2 instance and describe why ?
- Q 228. what is CloudWatch and mention what can we do with it ?
- Q 229. How will you classify the cloud, based on the services ?
- Q 230. Name the messaging service available in AWS and point out a use case of it ?
- Q 231. Your company wants to use AWS for their newly designed analytics platform. They have got around 20 TB of data In the on-premises. They want to construct an analytics platform in AWS with this 20 TB of data for analysis. Once analysis is done they want to archive this data for best backup and recovery. What are the services that best matches this use case and say why ?
- Q232. Your Relational database engine in AWS got crashes often when the traffic to your RDS instance is high. The Replica of the RDS instance is not promoted as master instance. What would you do to handle this situation ??
- Q 233. There is a production DB server running in a EC2 Linux instance which has a ext4 formatted EBS volumes/disks attached. The database is about to run out of storage space. How can you address this problem ?
- Q 234. A company wants to migrate the on-premises servers to the AWS cloud platform. The company wants to estimate the cost of the machines that is going to get provisioned in the cloud. How would you proceed to determine the cost ?
- Q 235. A XYZ company is using AWS services for the past one month for its production servers. They have established a VPN connectivity from on-premises to AWS with a single IPSEC tunnel. During peak production hours, servers are not reachable in the AWS Cloud due to network problem. How would you mitigate this problem with minimal cost ?
- Q236: What is the Cloud Computing?
- Q237: What is merits of the Cloud Computing?
- Q238: What are the Cloud Computing?
- Q239: What are the top 10 advantages of Cloud Computing?



Q240:What are the different layers (Service Models) of cloud computing?

Q241:How do disable Password-Based Logins for the Root in Amazon EC2 Instance?

Q242:How can I take an Snapshot of a RAID Array?

Q243:What is the difference between Volume and Snapshot in the Amazon Web Services?

Q244:What happens if my application to stops responding to requests in beanstalk?

Q245:How to update AMI tools at the Boot Time?

Q246:How to update AMI tools at the Boot Time on linux?

Q247:How does AWS Lambda to handle failure during event processing?

Q248:What are the Storage of classes of Amazon?

Q249:How do Encryption is done in S3?

Q250:How will do upload a file greater than 100 megabytes in Amazon S3?