[Q101: EBS is internet accessible](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: False

[Q102: EBS has persistent file system for EC2](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q103: EBS supports incremental snapshots](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q104: Amazon Glacier enables customers to offload the administrative burdens of operating and scaling storage to AWS.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q105: Amazon Glacier is a great storage choice when low storage cost is paramount.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q106: Data is rarely retrieved, and retrieval latency of several hours is acceptable in Glacier](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q107: Glacier is basically for data archival](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q108: It is very cheap storage](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q109: Glacier has very, very slow retrieval times](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q110: 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.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q111: You can switch from an Instance-Backed to an EBS-Backed root volume at any time.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: False

[Q112: When using an EBS-Backed machine, you can override the terminate option and save the root volume.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q113: VPC is Private, Isolated, Virtual Network](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q114: VPC would be logically isolated network in AWS cloud](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q115: VPC is also give control of network architecture](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q116: VPC is also going to enhanced security](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q117: VPC has ability to interwork with other organizations](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q118: VPC does not enable hybrid cloud(site-to-site VPN)](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: False

[Q119: Route Table is a set of Rules tells the direction of network](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: True

[Q120: Security Group is a subnet level of security](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: False

[Q121: NACLs(Network Access Lists) is a resource level of security](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

True  
False  
Ans: False

[Q122: Any default stack is available in Cloud Formation ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Ans:  You can not create default stack but you can choose the type of stack to create e.g :  
A sample stack  
A Linux-based chef 12 stack  
A Windows-based Chef 12.2 stack  
A Linux-based Chef 11.10 stack

[Q123: What is the difference between Stack and Template in Cloud Formation ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Ans: Stack : Cloud-based applications usually require a group of related resources—application servers, database servers, and so on—that must be created and managed collectively. This collection of instances is called a stack

[Q124: We can create multiple server for same stack ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Ans: you can select one “instance type” e.g: t2.micro at a time but you can set more then one “Webserver Capacity” which is “The initial number of Webserver instances“ means automatically same kind of instances will launch.

[Q125: Can you explain the term SQS is pull based, not pushed base.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Ans: It means that you have to actively poll the queue in order to receive a messages.  
The messages are pushed into the queue by the producers but pulled out of the queue by the consumers.You have to call the Receive Message action from the consumer in order to get the messages, they are not pushed to you automatically when they arrive.

[Q126. How many Elastic IP address can be associated with a single account?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

4  
10  
5  
None the above  
Ans: 5

[Q127. What is the name to the additional network interfaces that can be created and attached to any Amazon EC2 instance in your VPC?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Elastic IP  
Elastic Network Interface  
AWS Elastic Interface  
AWS Network ACL  
Ans: Elastic Network Interface

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Sticky session  
Fault Tolerance  
Connection drainage  
Monitoring  
Ans: Fault Tolerance

[Q129. After configuring ELB, you need to ensure that the user requests are always attached to a single instance. What setting can you use?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Session cookie  
Cross one load balancing  
Connection drainage  
Sticky session  
Ans: Sticky session

[Q130. Which of the following metrics cannot have a cloud watch alarm?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

EC2 instance status check failed  
EC2 CPU utilization  
RRS lost object  
Auto scaling group CPU utilization  
Ans: RRS lost object

[Q131. Which of the below mentioned service is provided by Cloud watch?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Monitor estimated AWS usage  
Monitor EC2 log files  
Monitor S3 storage  
Monitor AWS calls using Cloud trail  
Ans: Monitor estimated AWS usage

[Q132. A user has Launched an EC2 instance which of the below mentioned statements is not true respect to instance addressing?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

The private IP addresses are not reachable from the internet  
The user can communicate using the private IP across regions  
The private IP address and pubic IP address for an instance are directly mapped to each other using NAT  
The private IP address for the instance is assigned using DHCP  
Ans: The user can communicate using the private IP across regions

[Q133. Which of the following service provides the edge – storage or content delivery system that caches data at different locations?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Amazon RDS  
Simple DB  
Amazon Cloud Front  
Amazon associates web services  
Ans: Amazon Cloud Front

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Launch a micro instance  
Launch a micro instance, but in the EBS configuration modify the size of EBS to 50 GB.  
Launch a micro instance, but do not store the data of more than 30 GB on the EBS storage.  
It is not possible to have this instance under the free usage tier  
Ans: It is not possible to have this instance under the free usage tier

[Q135. What are the possible connection issues you can face while connecting to your instance?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Connection timed out  
Server refused our key  
No supported authentication methods available  
All of the above  
Ans: All of the above

[Q136. You are enabled sticky session with ELB. What does it do with your instance?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Routes all the requests to a single DNS  
Binds the user session with a specific instance  
Binds the user IP with a specific session  
Provides a single ELB DNS for each IP address  
Ans: Binds the user session with a specific 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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

SES  
SNS  
SQS  
SAS  
Ans: SES

[Q138. Which type of load balancer makes routing decisions at either the transport layer or the application layer and supports either EC2 or VPC.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Application Load Balancer  
Classic Load Balancer  
Primary Load Balancer  
Secondary Load Balancer  
Ans: Classic Load Balancer

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

1000  
100  
10000  
There is no such limit  
Ans: There is no such limit

[Q140. You are going to launched one instance with security group. While configuring security group, what are the things you have to select?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Protocol and type  
Port  
Source  
All of the above  
Ans: Source

[Q141. Which is virtual network interface that you can attach to an instance in a VPC?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Elastic IP  
AWS Elastic Interface  
Elastic Network Interface  
AWS Network ACL  
Ans: Elastic Network Interface

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

To verity that there is a rule that allows traffic from your computer to port 22  
To verify that there is a rule that allows traffic from EC2 Instance to your computer  
Allows web traffic from instance to your computer  
Allows web traffic from your computer to EC2 instance  
Ans: To verify that there is a rule that allows traffic from EC2 Instance to your computer

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Amazon SES console  
AWS Cloud Formation  
SMTP interface  
AWS Elastic Beanstalk  
Ans: Amazon SES console

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Security group rules cannot be changed  
Changes are automatically applied to windows instances  
Changes will be effective after rebooting the instance in that security group  
Changes will be effective after 24-hours  
Ans: Changes are automatically applied to windows instances

[Q145. Load Balancer and DNS service comes under which type of cloud service?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

IAAS-Network  
IAAS-Computational  
IAAS-Storage  
None of the above  
Ans: IAAS-Storage

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Just simply create a copy of the unencrypted volume, you will have the option to encrypt the volume.  
Create a snapshot of the unencrypted volume and then while creating a volume from the snapshot you can encrypt it  
Create a snapshot of the unencrypted volume (applying encryption parameters), copy the snapshot and create a volume from the copied snapshot  
This is not possible, once a volume is unencrypted, there is no way to create an encrypted volume from this  
Ans: Create a snapshot of the unencrypted volume (applying encryption parameters), copy the snapshot and create a volume from the copied snapshot

[Q147. Where does the user specify the maximum number of instances with the auto scaling commands?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Auto scaling Launch Config  
Auto scaling group  
Auto scaling policy  
Auto scaling size  
Ans: Auto scaling Launch Config

[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](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

The network I/O are not affecting during data download  
The policy cannot be set on the network I/O  
There is no way the can stop scaling as it already configured  
Suspend scaling  
Ans: Suspend scaling

[Q149. Which are the types of AMI provided by AWS?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

EBS Backed  
Instance Store backed  
None its volume type and not AMI types  
Both A and B  
Ans: Both A and B

**AWS Interview Questions and Answers for Freshers**

[Q150. What is the significance of forming Subnets?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Because, not enough hosts  
B. To manage small number of hosts  
C. To utilize the Volume available across different subnets  
D. Smartly utilize network that have large number of hosts  
The answer is: D

[Q2: If you want to launch your instance on a single-tenancy platform, which option you would select against Instance Tenancy Attribute parameter?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. One to one  
B. Sole Owner  
C. Dedicated  
D. Reserved  
The answer is: C

[Q151. Which AWS Service you would use to transfer objects from your data center, when you are using Amazon CloudFront?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. AWS CloudWatch  
B. AWS SNS Service  
C. AWS SMS Service  
D. AWS Direct Connect  
The answer is: D

[Q152 \_\_\_\_\_\_\_\_\_\_\_\_\_ is a fully managed Data Warehouse service from AWS?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon Redshift  
B. Amazon Neptune  
C. Amazon Aurora  
D. Amazon DynamoDB  
The answer is: A

[Q153. Which of the following statements are applicable to AWS Elastic File System(EFS)?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. EFS provides simple, scalable file storage for use with Amazon EC2  
B. EFS with MS-Windows based EC2 instances is not supported  
C. EFS supports the Network File System version 4 protocol  
D. All of the above  
The answer is: D

[Q154. What is the role of Connection Draining?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Helps to launch an EC2 instance  
B. Automatically terminates instances which are not in use  
C. Establishes connection between EC2 and RDS instances  
D. Auto Scaling wait for outstanding requests to complete before terminating instances when CD is enabled  
The answer is: D

[Q155. What is the use of Lambda?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Lambda is used for running server-less applications  
B. It is a testing tool from AWS  
C. It is a database service from AWS  
D. It is an Anti Virus software from AWS  
The answer is: A

[Q156. What is Application Load Balancing?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. It is a feature of Elastic Load Balancing  
B. Use to distribute traffic to different Target Groups  
C. It is a service generating Elastic IPs for AWS customers  
D. It is a kind of Firewall  
The answers are: A and B

[Q157. What are the uses of Elastic Beanstalk?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Quickly deploy and manage applications in the AWS Cloud  
B. Supports Java, .NET, Node.js, PHP, Python applications  
C. It is an Application Server from AWS  
D. Use to deploy only Java-Beans applications  
The answers are: A and B

[Q158. Can you connect your company’s datacenter to the Amazon Cloud network?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Not possible  
B. You can connect thru a Dedicated N/W line  
C. By establishing a Virtual Private Network (VPN) between your datacenter and VPC  
D. Connect with a hotline  
The answer is: C

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Virtual Private Cloud  
B. Community Cloud  
C. Public Cloud  
D. Hybrid Cloud  
The answer is: D

[Q160. DynamoDB \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Which one of the following is true regarding DynamoDB?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Manages Notification Service  
B. Stores Metadata  
C. Manages Queue Service  
D. None of the above  
The answer is: B

[Q161: What are the significances of AWS CloudTrail?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Takes care of Message Queuing Service  
B. It enables governance, compliance, operational auditing and risk auditing of your AWS account.  
C. Used as a database service  
D. It provides event history of your AWS account activities  
The answers are: B and D

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon CloudWatch  
B. Amazon CloudFront  
C. Amazon CloudTrail  
D. Amazon VPC  
The answer is: B

[Q163. Is AWS offering Reserved Instances facility for Multiple-Subnet deployments?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Yes, available for all kind of instances  
B. No, available only for Dedicated Tenancy  
C. Offering only for LINUX based instances  
D. None of the above  
The answer is: A

[Q164. Select the correct statement from the below:](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. You can have multiple ACLs for a subnet  
B. Security Group is not necessary for an EC2 instance  
C. You can attach multiple Zones/Subnets to a Route Table  
D. You can create S3 bucket using AWS AMI templates  
The answer is: C

[Q165. Name the AWS DB Service which is Server-Less and NoSQL DB which delivers consistent single-digit millisecond latency at any scale?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon Redshift  
B. Amazon Neptune  
C. Amazon Aurora  
D. Amazon DynamoDB  
The answer is: D

[Q166. Is this advisable to keep your Standby-Database instance in the same zone where your primary instance is running?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Yes, you can keep  
B. Possible only for MySQL instance  
C. No, not recommended for any kind of DB instance  
D. Recommended only for MS-SQL instance  
The answer is: C

[Q167. Can objects in S3 be delivered by Amazon CloudFront?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Yes, you can place any objects in S3 which CloudFront quickly delivers  
B. CloudFront delivers only movie type objects  
C. No, S3 cannot be integrated with CloudFront  
D. Amazon VPC will deliver the objects  
The answer is: A

[Q168. What you should do if you want to launch an EC2 instance with a pre-allocated private IP address?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Launch it in a Subnet Group  
B. Launch the instance from a Private AMI  
C. Assign EIP address to that instance  
D. Launch that instance in AWS VPC cloud  
The answer is: D

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. No, you cannot edit a SG when used by a EC2 instance  
B. Yes, you can edit. Immediately apply to all instances.  
C. You can edit only the Outbound rules  
D. Only Outbound rules apply to all EC2 instances  
The answer is: B

[Q170. Which of the following statements are true with Route 53?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon Route 53 is a scalable and highly available Domain Name System (DNS)  
B. Amazon Route 53 is fully compliant with IPv6 as well  
C. Will automatically configure DNS settings for your domains  
D. Route 53 provides low latency database service  
The answers are: A,B and C

[Q171. What is a Virtual Private Cloud (VPC)?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. VPC enables you to launch AWS resources into a virtual network  
B. VPC is a virtual network dedicated to your AWS account  
C. VPC is used to create domain name for your organization  
D. VPC can also be connected to your own office data center  
The answers are: A,B and D

[Q172. What is an Elastic IP?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. There is no such IP. Only public & private IPs are valid.  
B. Used in Elastic Load Balancing  
C. An Elastic IP address is a static IPv4 address  
D. An Elastic IP address is for use in a specific region only  
The answers are: C and D

[Q173. \_\_\_\_\_\_\_\_\_\_\_\_\_ is a fully managed in-memory data store service offered by Amazon Web Services (AWS)?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon Neptune  
B. Amazon Redshift  
C. Amazon ElastiCache  
D. Amazon Aurora  
The answer is: C

[Q174. In AWS which service is used to create Domain Name for their customers?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon CloudWatch  
B. Amazon Route53  
C. Amazon CloudDomain  
D. Amazon VPC  
The answer is: B

[Q175. Which one is a valid statement regarding EBS-Volumes?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. You can attach maximum of 5 volumes to an instance  
B. You can attach multiple instances to one volume  
C. You can attach multiple volumes to a single EC2 instance  
D. You cannot attach a additional volume to an instance  
The answer is: C

[Q176. Which one is a valid statement regarding EBS-Snapshots?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. You can access Snapshots thru S3 APIs  
B. You can store your Snapshots in a S3 BUCKET  
C. Snapshots are available only thru EC2 instances  
D. You can access your Snapshots thru VPC APIs  
The answer is: C

[Q178. Which one is the valid scenario?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Creating PEERING connection to a VPC in a Different Region  
B. Creating PEERING connection between VPCs in Same Region  
C. Attaching VOLUME in one subnet/zone with EC2 instance in another subnet/zone  
D. Keeping your primary db and secondary db in the same zone  
The answer is: B

[Q179. How do you connect a VPC to your Office Datacenter?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. By keeping AWS VPC and Office Datacenter in same IP range  
B. Establishing VPN connection between VPC and Datacenter  
C. Establishing a dedicated hotlink between VPC and Datacenter  
D. You cannot connect VPC and your Datacenter  
The answer is: B

[Q180. Choose the valid scenarios regarding VPC?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. You can delete the Default VPC available in your region  
B. VPC can span across multiple Availability Zones  
C. Trying to launch an instance without having VPC in a region  
D. Launching an instance onto a VPC created by you  
The answers are: A,B and D

[Q181. How the EC2 instances inside a VPC directly access the internet?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. With the help of instance’s Public IP  
B. By attaching a Elastic IP to that instance  
C. Internet Gateway enables the access to the internet  
D. With the help of Route Table  
The answer is: C

[Q182. Which one is the highly secured design?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Keeping both EC2 and Database instances in a public subnet  
B. Keep EC2 in public subnet and Database in private subnet  
C. Keep EC2 in public subnet and Database in a S3 bucket  
D. Defining ANYWHERE in the DB security group INBOUND rule  
The answer is: B

[Q183. Keeping your instance in a public subnet and database in a private subnet. What type of cloud deployment model is this?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Community Cloud  
B. Private Cloud  
C. Public Cloud  
D. Hybrid Cloud  
The answer is: D

[Q184. Which service distribute the contents from Edge Locations to the end users to reduce the latency?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon CloudWatch  
B. Amazon CloudTrail  
C. Amazon CloudFront  
D. Amazon PushData  
The answer is: C

[Q185. I am a cloud web service used for hosting your application. Who am I?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. AWS Route 53  
B. AWS VPC  
C. AWS S3  
D. AWS EC2  
The answer is: D

[Q186. You can add \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to your Auto Scaling group so that you can perform custom actions when instances launch or terminate.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. CloudWatch  
B. CloudTrail  
C. Load Balancer  
D. Lifecycle Hooks  
The answer is: D

[Q187. What is Auto Scaling?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Accelerating VPC Speed  
B. Creating/Terminating duplicate instances using Scale IN/OUT  
C. Automating backup/restore service  
D. None of the above  
The answer is: B

[Q188. You want complex querying capabilities but don’t want data warehouse. Which database service you would choose?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon DynamoDB  
B. Amazon Redshift  
C. Amazon RDS  
D. Amazon ElastiCache  
The answer is: C

[Q189. What is an Availability Zone?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. A Container where all your S3 buckets are stored  
B. Denotes an Entire Region  
C. A location inside a Region which is protected from failures  
D. Collection of Regions  
The answer is: C

[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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Private Cloud  
B. Hybrid Cloud  
C. Community Cloud  
D. Public Cloud  
The answer is: C

[Q191. How many Buckets you can create in S3?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. 150  
B. 250  
C. 500  
D. 100  
The answer is: D

[Q192. What is the maximum size of a S3 Bucket?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. 3 Terabytes  
B. 10 Terabytes  
C. 5 Terabytes  
D. 7 Terabytes  
The answer is: C

[Q193. Which service of Amazon AWS is used to host a static website?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon Simple Storage Service(S3)  
B. Amazon CloudFront  
C. Amazon Route53  
D. Amazon CloudWatch  
The answer is: A

[Q194. Which of the following is not a Part of Security groups?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. List of Protocols  
B. List of Users  
C. Ports  
D. IP Address  
The answer is: B

[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.](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. Amazon EFS  
B. Amazon S3  
C. Amazon Glacier  
D. Amazon Snowball  
The answer is: D

[Q196. What type of IP address do you use for your CGW (Customer Gateway) address?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. You will use PRIVATE IP address of your NAT device  
B. You will use PUBLIC IP address of your NAT device  
C. You will use ELASTIC IP address of your NAT device  
D. You will use VPN  
The answer is: B

[Q197. How many subnets you can have per VPC?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. 100  
B. 300  
C. 250  
D. 200  
The answer is: D

[Q198. I have a REST API interface and uses secure HMAC-SHA1 authentication keys. I am also a data storage system. Who am I?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. SS3  
B. Elastic Block Store  
C. S3  
D. Snapshots  
The answer is: C

[Q199. I am a structured data store. I support indexing and data queries to both EC2 and S3. Who am I?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A. DynamoDB  
B. SimpleDB  
C. MySQL  
D. Aurora  
The answer is: B

[Q200. How many Elastic IP address can be associated with a single account?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) 4  
B) 10  
C) 5  
D) None the above

[Q201. After configuring ELB, you need to ensure that the user requests are always attached to a single instance. What setting can you use?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Session cookie  
B) Cross one load balancing  
C) Connection drainage  
D) Sticky session

[Q202. Which of the following metrics cannot have a cloud watch alarm?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) EC2 instance status check failed  
B) EC2 CPU utilization  
C) RRS lost object  
D) Auto scaling group CPU utilization

[Q203. Which of the below mentioned service is provided by Cloud watch?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Monitor estimated AWS usage  
B) Monitor EC2 log files  
C) Monitor S3 storage  
D) Monitor AWS calls using Cloud trail

[Q204. Which of the following service provides the edge – storage or content delivery system that caches data at different locations?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Amazon RDS  
B) Simple DB  
C) Amazon Cloud Front  
D) Amazon associates web services

[Q205. What are the possible connection issues you can face while connecting to your instance?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Connection timed out  
B) Server refused our key  
C) No supported authentication methods available  
D) All of the above

[Q206. You are enabled sticky session with ELB. What does it do with your instance?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Routes all the requests to a single DNS  
B) Binds the user session with a specific instance  
C) Binds the user IP with a specific session  
D) Provides a single ELB DNS for each IP address

[Q207. Which is an email platform that provides an easy, cost effective way for you to send and receive email using your own email address and domains?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) SES  
B) SNS  
C) SQS  
D) SAS

[Q208. 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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) 1000  
B) 100  
C) 10000  
D) There is no such limit

[Q209. Which is virtual network interface that you can attach to an instance in a VPC?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Elastic IP  
B) AWS Elastic Interface  
C) Elastic Network Interface  
D) AWS Network ACL

[Q210. You have launched an instance in EC2-Classic and you want to make some change to the security group rule. How will these changes be effective?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Security group rules cannot be changed  
B) Changes are automatically applied to all instances that are associated with the security group  
C) Changes will be effective after rebooting the instance in that security group  
D) Changes will be effective after 24-hours

[Q211. Load Balancer and DNS service comes under which type of cloud service?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) IAAS-Network  
B) IAAS-Computational  
C) IAAS-Storage  
D) None of the above

[Q212. 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?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Just simply create a copy of the unencrypted volume, you will have the option to encrypt the volume.  
B) Create a snapshot of the unencrypted volume and then while creating a volume from the snapshot you can encrypt it  
C) Create a snapshot of the unencrypted volume (applying encryption parameters), copy the snapshot and create a volume from the copied snapshot  
D) This is not possible, once a volume is unencrypted, there is no way to create an encrypted volume from this

[Q213. Where does the user specify the maximum number of instances with the auto scaling commands?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) Auto scaling Launch Config  
B) Auto scaling group  
C) Auto scaling policy  
D) Auto scaling size

[Q214. A user is aware that a huge download is occurring on his instance he has already set the auto scaling policy to increase the instance count when the network I/O increase beyond a certain limits how can the user ensure that this temporary event does not result in scaling](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) The network I/O are not affecting during data download  
B) The policy cannot be set on the network I/O  
C) There is no way the can stop scaling as it already configured  
D) Suspend scaling

[Q.215.Which are the types of AMI provided by AWS?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

A) EBS Backed  
B) Instance Store backed  
C) None its volume type and not AMI types  
D) Both A and B

[Q 216. Name some cloud service providers for public & private cloud ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Public: Amazon web services, Microsoft Azure, Google Cloud, Oracle Cloud, Alibaba Cloud.  
Private: Redhat-Openstack, Rackspace, VMware, IBM Private Cloud.

[Q 217. What are all the different Instance categories based on pricing and explain them briefly ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

On-demand Instances: On-demand instances are the virtual servers that are provisioned by AWS EC2 service at an hourly price basis.  
Reserved Instances: Instances which are reserved for a time, 1 year or 3 years , is called reserved Instances. Hourly prices are reduced significantly compared to on-demand Instances with reservation.  
Spot Instances: Spot Instances are the special instance category where you request the unused resources of EC2 from the datacenter for steep discounts. Spot prices are fixed by AWS EC2 and you need to bid the spot price more than the pricing of AWS EC2.

[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 ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Hybrid Cloud

[Q 219. What is the difference between S3 and Glacier storage ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

S3 is a simple storage service, which is used to store and retrieve data. We can store any amount of data and any type of data. Data that we are storing here are referred as objects. Whereas the Glacier storage is an archival store which is used to store infrequently accessed data or cold data. Major use case of glacier is data archiving and backup.

[Q 220. Name some Database engines available natively in RDS services ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

MYSQL  
MSSQL server  
Oracle DB  
Postgres DB  
Amazon AURORA  
Maria DB

[Q 221. How can you automate resource provisioning in AWS ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

We can use the native service tool called AWS Cloud Formation for automation. It is also a good option to consider the third-party tools like Ansible, Chef, Puppet etc. to automate the services.

[Q 222. What is autoscaling & mentions some of its benefits ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Autoscaling is a service that automatically scales EC2 instance capacity out and in based on the criteria’s that we are going to set. Autoscaling benefits its use for dynamic workloads like web spikes, retail shop flash sales, ticket booking system on the vacations etc.,

[Q 223. What is the difference between S3 availability & durability ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Availability and durability are closely related to each other, but they are not the same. Availability refers to the uptime of the service i.e.., S3 storage system’s uptime and can able to deliver the requests and data. Durability on the other hand, refers to the data that is stored should not suffer from degradation and corruption.

[Q 224. Mention some important features of S3 buckets ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Static web hosting  
Versioning  
Encryption  
Object lifecycle management  
Unlimited storage

[Q 225. What are all the measures that you take to protect the data in S3 ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

lists and pre-signed Encrypt the data using Server-Side Encryption or Client-Side Encryption.  
Enable MFA delete to protect data against accidental deletion.  
Usage of access control URL’s.

[Q 226. What is Elastic IP address ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Elastic IP address(EIP) is a static, internet routable address that is managed by the AWS platform. Each Elastic IP address are assigned to the Instances from a Pool of IP address in each region. Charges are applied once you allocate the EIP address no matter whether you associate the IP to an Instance or not. When you release the allocated IP Address, EIP will to returned to the pool.

[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 ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

We should create an Elastic load balancer with Autoscaling , and associate it with the EC2 instances. Layer 7 or Application layer Load balancers are used for this use case. ELB should be used because ELB can balance the incoming load across the EC2 resources.

[Q 228.what is CloudWatch and mention what can we do with it ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

CloudWatch is native service used to monitor our resources and applications in the AWS cloud. CloudWatch does this by collecting information in the form of logs, metrics and events from the resources that we provisioned in the AWS environment. We can define alarms, troubleshoot issues using logs to optimize our infrastructure using CloudWatch.

[Q 229.How will you classify the cloud, based on the services ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

We can classify the cloud computing platform into three types based on the services.  
Infrastructure As A Service.  
Platform As A Service.  
Software As A Service.

[Q 230.Name the messaging service available in AWS and point out a use case of it ?](https://www.besanttechnologies.com/aws-interview-questions-and-answers)

Simple Notification Services is a complete messaging service to deliver the messages end to end. It is shortly referred to as SNS. A real time use case would be a banking system where SNS will be sending a real time message (Email, SMS etc.,) to the end users who debits his account by withdrawing some amount of money.