

FAQs for AWS Solution Architect - Associate exam - Introduction on AWS

Note: All questions are self prepared only.

1. As per AWS definition for cloud computing there are 6 minimum advantages. Pickup from the below items which one is not related to them:

- a) Your cloud instance will be Global in minutes by AWS.
- b) The comparison is made easy with Variable vs Capital expenses of Infra costing.
- c) Stop Guessing capacity.
- d) Increasing speed and agility, both of them not possible.

2. The usage cost of the AWS works as per “Pay as you Go” concept. In this case which one is correct:

- a) Pay-per-use became the investment cost for Infra.
- b) We also need to invest Capital to convert into AWS.
- c) We also need to spend our money on AWS data centers.
- d) On need basis only capacity can be scaled up and down to save costing.

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3. When we consider Massive economies of Scaling for organizations, one of the below choices will not suit for this concept:

- a) AWS can achieve higher economies of scale for a customer's IT budget while migrating to AWS.
- b) Organizations can benefit from massive economies of scale to reduce the IT budget soon after migration.
- c) Basically the costing control of Infra is in customer's hand also.
- d) Every IT Manager can not plan the monthly AWS budget for an approximation.

4. AWS advises the customer “to focus more on business rather than Infra setup activities”. One of the following suits for this statement:

- a) The AWS customers can stop spending money on running and maintaining data centers.
- b) Customers can focus on; heavy lifting of racking, stacking, and powering servers.
- c) The organizations need to think on spending money on running and maintaining data centers.
- d) The entire Infra setup conversion to AWS is mandatory, when we opt for AWS migration activity.

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5. AWS Global infrastructure contains with the following setup. Choose the correct one.

- a) Under AWS Global infrastructure, it has regions in 190 countries.
- b) It has locations and they are composed of regions and Availability Zones.
- c) The Resources are replicated across its regions by default to organizations.
- d) Availability Zones are physically separated within all the metropolitan cities in each country.

6. AWS has strong security and compliance programs. As a part of it one of the below mentioned choices are not correct:

- a) Security is a core functional requirement for AWS in view of managing customer's assets.
- b) AWS infrastructure is built and managed according to security best practices.
- c) AWS uses redundant and layered controls.
- d) Continuous validation and testing is not part of AWS security.

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7. Under AWS compliance one of the following choices are not applied:

- a) When customers move their production workloads to the AWS Cloud, both parties become responsible for managing the IT environment.
- b) Customers are responsible for setting up their environment in a secure and controlled manner.
- c) Customers do not need to maintain adequate governance over their entire IT control environment.
- d) AWS enables customers to build on traditional compliance programs.

8. From the list of the AWS compliance certifications and standards, which is not part of them:

- a) CMMI level5 is there in AWS compliance programs.
- b) Service Organization Controls (SOC).
- c) Federal Information Security Management Act (FISMA).
- d) Payment Card Industry Data Security Standard (PCI DSS) Level 1.

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9. AWS Cloud computing platform has application services. From the below mentioned services which one is not part of it.

- a) Elastic transcoder
- b) SNS Notifications
- c) Data pipeline
- d) RDS

10. AWS Cloud computing platform has Networking services. From the below mentioned services which one is not part of it.

- a) VPC
- b) Internet Gateway
- c) Elastic Load balancer
- d) Identity Access Management

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11. AWS Cloud computing platform has Security services. From the below mentioned services which one is part of it.

- a) Cloud trial
- b) Virtual Private Gateway
- c) Import/Export
- d) AWS Console

12. AWS Cloud computing platform has Security services. From the below mentioned services which one is not part of it.

- a) Config management
- b) OpsWorks
- c) Elastic Beanstack
- d) None

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13. To access AWS Cloud services one of the following is not used.

- a) AWS Management Console.
- b) AWS Command Line Interface (CLI).
- c) AWS Software Development Kits (SDKs).
- d) Windows CMD prompt.

14. The compute and networking services can be leveraged with the following. Among them, which one is not correct.

- a) Storage.
- b) Database.
- c) Application services.
- d) ELB.

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15. Amazon Elastic Compute Cloud (Amazon EC2) is a web service. It provides resizable compute capacity in the cloud with the below features. Among them which one is not correct.

- a) It allows organizations to obtain and configure virtual servers in Amazon's data centers.
- b) It allows to harness those resources to build and host software systems.

Organizations can select from a variety of operating systems and resource configurations (memory, CPU, storage, and so on).

- c) Allowing organizations to launch compute resources with a variety of operating systems, load them with custom applications.
- d) It doesn't allow organizations to manage network access permissions.

16. AWS Lambda services provides the below features. Which one is not correct.

- a) It is a zero-administration compute platform for back-end web developers.
- b) It runs the code for Developer on the AWS Cloud.
- c) But, it can not provide with a fine-grained pricing structure.
- d) AWS Lambda runs Developer's back-end code on its own AWS compute fleet of Amazon EC2 instances across multiple Availability Zones in a region.

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17. Amazon DynamoDB is a fast and flexible NoSQL database service with following characteristics. Select which one is not suitable for them.

- a) For all applications it needs consistent, single-digit millisecond latency at any scale.
- b) It is a fully managed database and supports both document and key/value data models.
- c) Its flexible data model and reliable performance make it a great fit for mobile, web, gaming, ad-tech, Internet of Things, and many other applications.
- d) As it is NoSQL DB service, it doesn't store the data in a table format.

18. Auto Scaling allows organizations to scale Amazon EC2 capacity up or down automatically according to conditions defined for the particular workload. One of the following doesn't suit for this concept.

- a) It not only can be used to help maintain application availability and ensure that the desired number of Amazon EC2 instances are running.
- b) Instead of provisioning for peak load, organizations can optimize costs and use only the capacity that is actually needed.
- c) But It doesn't allow resources to scale in and out to match the demands of dynamic workloads.
- d) Auto Scaling is well suited both to applications that have stable demand patterns.

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19. AWS Elastic Beanstalk is the fastest and simplest way to get a web application up and running on AWS. One of the below statements doesn't belongs to its characteristics.

- a) Developers can simply upload their application code, and this service automatically handles all the details, such as resource provisioning, load balancing, Auto Scaling, and monitoring.
- b) It provides support for a variety of platforms. The developers can use happily these components for their development work.
- c) With AWS Elastic Beanstalk, organizations retain full control over the AWS resources powering the application and can access the underlying resources at any time.
- d) It doesn't provide support for Ruby and Go. So, Ruby and Go developers cannot use EBS services.

20. Amazon Virtual Private Cloud (Amazon VPC) can help the organizations to facilitate provisioning a logically isolated section of the AWS Cloud where they can launch AWS resources in a virtual network which they want to define. From the below mentioned statements, one of them suits for this service characteristics.

- a) Organizations cannot have complete control over the virtual environment.
- b) The organization cannot do selection of the IP address range.
- c) The organization cannot do creation of subnets, and configuration of route tables and network gateways.
- d) Organizations can extend their corporate data center networks to AWS by using hardware or software virtual private network (VPN) connections or dedicated circuits by using AWS Direct Connect.

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21. The below mentioned points are related to AWS Direct Connect features. One of them is wrong.

- a) It allows organizations to establish a dedicated network connection from their data center to AWS.
- b) Organizations can establish private connectivity between AWS and their data center, office, or colocation environment.
- c) In many cases can reduce network costs, increase bandwidth throughput, and provide a more consistent network experience than Internet-based VPN connections.
- d) But it is not a replacement for internet based VPN connections.

22. Amazon Route 53 is Domain Name System (DNS) web service. From the below mentioned features identify which one belongs to Route 53.

- a) Route 53 can not be a highly available and scalable Domain Name System (DNS) web service.
- b) It is designed to give developers and businesses an extremely reliable and cost-effective way to route end users to internet networking based [internal] applications.
- c) Route 53 translates human readable names, such as `www.example.com`, into the numeric IP addresses. With these the computers use to connect to each other.
- d) Amazon Route 53 doesn't serve as domain registrar, to purchase and manage domains directly from AWS.

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23. AWS provides a variety of services to meet their customer storage needs. One of them is not among them.

- a) Amazon Simple Storage Service
- b) Amazon CloudFront
- c) Amazon Elastic Block Store
- d) Cloud formation templates

24. Amazon Simple Storage Service (Amazon S3) has features. From the below statements, identify which one belongs to them.

- a) S3 provides developers and IT teams with highly durable and scalable object storage.
- b) Organizations can store limited number of objects with this features.
- c) It doesn't allow the object types, such as HTML pages, source code files, image files, and encrypted data.
- d) It also doesn't provide access to them using HTTP-based protocols. All are secured.

25. Amazon S3 provides cost-effective object storage for a wide variety of use cases. From the below which one is not among them.

- a) Backup and recovery
- b) Nearline archive
- c) Big data analytics
- d) Web hosting

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