



Free Questions on AWS Cloud Practitioner Certification exam [Updated – 2022]

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AWS Cloud Practitioner Exam Questions

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Our AWS certified experts even curated these AWS simulator questions carefully which are based on the latest syllabus and very relevant to the real exam. This list of free questions on AWS certified cloud practitioner exams can help you in up-skilling the knowledge gaps. Once you have spent some time learning these AWS questions on Cloud Practitioner certification, you can face the real exam with more confidence and ensure passing it in your first attempt itself.

Q 1: According to AWS, what is the benefit of Elasticity?

- A.** Minimize storage requirements by reducing logging and auditing activities
- B.** Create systems that scale to the required capacity based on changes in demand
- C.** Enable AWS to automatically select the most cost-effective services.
- D.** Accelerate the design process because recovery from failure is automated, reducing the need for testing

Answer – B

Explanation :

The concept of Elasticity is the means of an application having the ability to scale up and scale down based on demand. An example of such a service is the Auto Scaling service

A, C and D are incorrect. Elasticity will not have positive effects on storage, cost or design agility.

Q2: Which tool can you use to forecast your AWS spending?

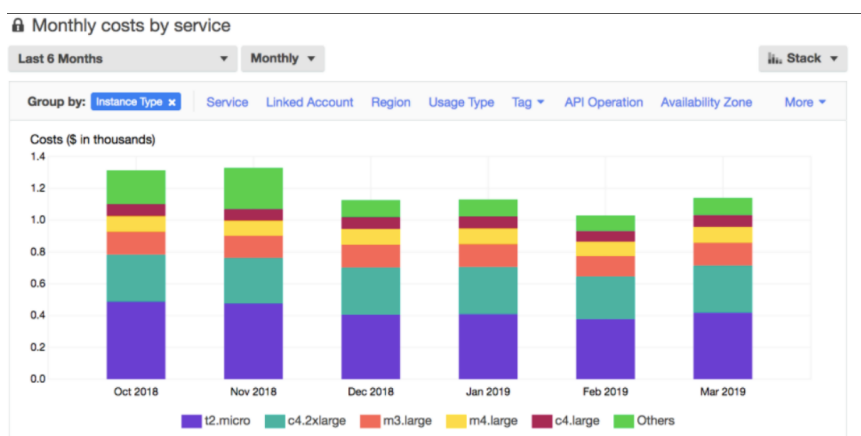
- A.** AWS Organizations
- B.** Amazon Dev Pay
- C.** AWS Trusted Advisor
- D.** AWS Cost Explorer

Answer – D

Explanation :

The AWS Documentation mentions the following.

Cost Explorer is a free tool that you can use to view your costs. You can view data up to the last 12 months. You can forecast how much you are likely to spend for the next 12 months and get recommendations for what Reserved Instances to purchase. You can use Cost Explorer to see patterns in how much you spend on AWS resources over time, identify areas that need further inquiry, and see trends that you can use to understand your costs. You also can specify time ranges for the data and view time data by day or by month.



A, B and C are incorrect. These services do not relate to billing and cost.

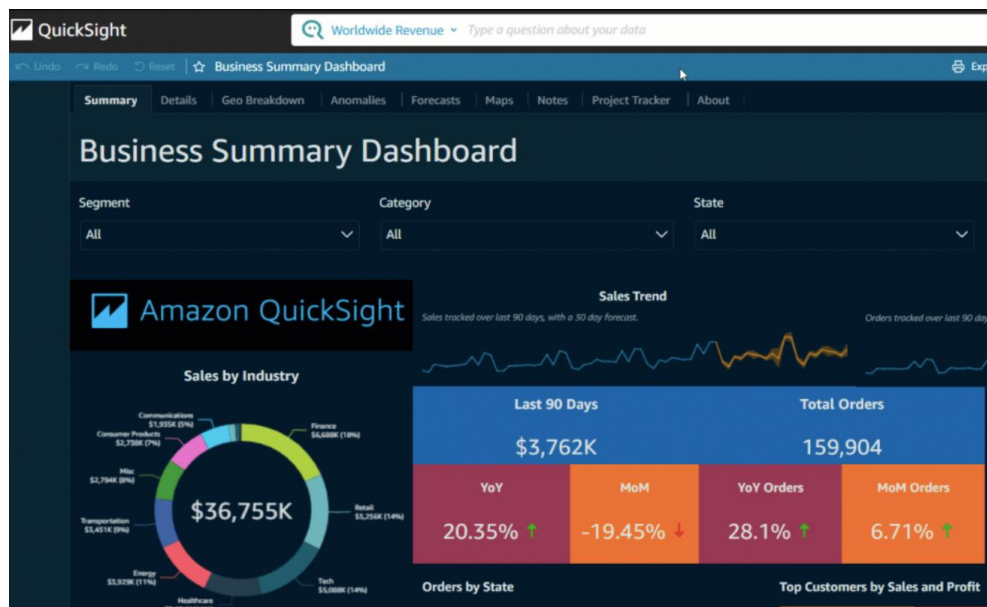
Q3: A business analyst would like to move away from creating complex database queries and static spreadsheets when generating regular reports for high-level management. They would like to publish insightful, graphically appealing reports with interactive dashboards. Which service can they use to accomplish this?

- A. Amazon QuickSight
- B. Business intelligence on Amazon Redshift
- C. Amazon CloudWatch dashboards
- D. Amazon Athena integrated with Amazon Glue

Correct Answer – A

Explanation :

Amazon QuickSight is the most appropriate service in the scenario. It is a fully-managed service that allows for insightful business intelligence reporting with creative data delivery methods, including graphical and interactive dashboards. QuickSight includes machine learning that allows users to discover inconspicuous trends and patterns on their datasets.



- **Option B is INCORRECT.** Amazon Redshift service is a data warehouse and will not meet the requirements of interactive dashboards and dynamic means of delivering reports.
- **Option C is INCORRECT.** Amazon CloudWatch dashboards will not accomplish the requirements of the scenario. They are used to monitor AWS system resources and infrastructure services, though they are customizable and present information graphically.
- **Option D is INCORRECT.** Amazon Athena is a query service that allows for easy data analysis in Amazon S3 by using standard SQL. The service does not meet the requirements of the scenario.

Q4. What is the AWS feature that enables fast, easy and secure transfers of files over long distances between your client and your Amazon S3 bucket?

- A.** File Transfer
- B.** HTTP Transfer
- C.** Amazon S3 Transfer Acceleration
- D.** S3 Acceleration

Answer – C

Explanation :

The AWS Documentation mentions the following.

Amazon S3 Transfer Acceleration enables fast, easy, and secure transfers of files over long distances between your client and an S3 bucket. Transfer Acceleration takes advantage of Amazon CloudFront's globally distributed edge locations. As the data arrives at an edge location, data is routed to Amazon S3 over an optimized network path.

Options A, B and D are incorrect. These features deal with transferring data but not between clients and an S3 bucket.

Q5: Which of the following is the responsibility of the customer to ensure the availability and backup of the EBS volumes?

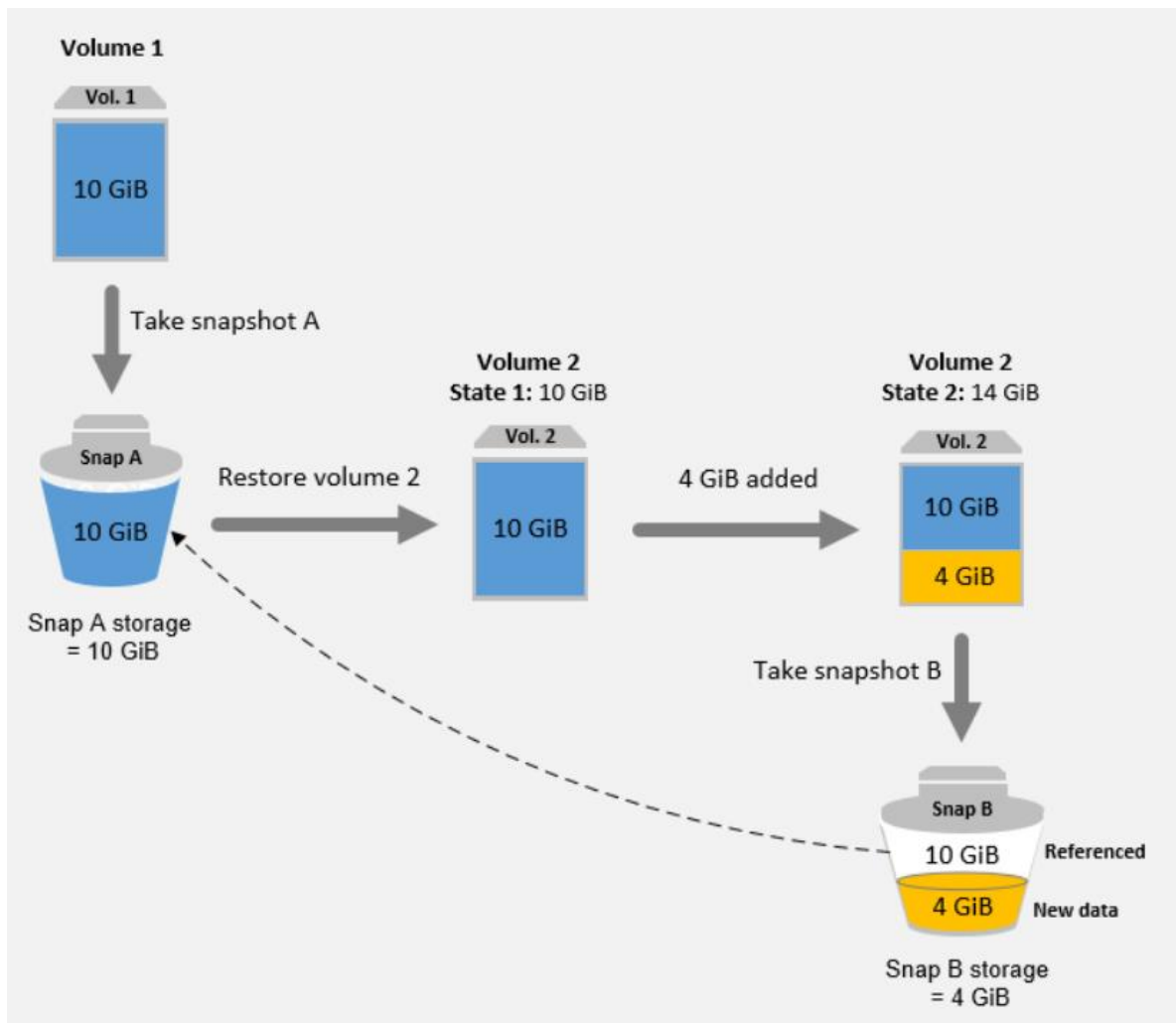
- A.** Delete the data and create a new EBS volume.
- B.** Create EBS snapshots.
- C.** Attach new volumes to EC2 Instances.
- D.** Create copies of EBS Volumes.

Answer – B

Explanation :

Snapshots are *incremental* backups, which means that only the blocks on the device that have changed after your most recent snapshot are saved.

When you create an EBS volume based on a snapshot, the new volume begins as an exact replica of the original volume that was used to create the snapshot. The replicated volume loads data in the background so that you can begin using it immediately.



Amazon EBS snapshots | Source: aws.amazon.com

Option A is incorrect because there is no need for backup of the volumes if data is already deleted.

Option C is incorrect because attaching more EBS volumes doesn't ensure availability, if there is no snapshot then the volume cannot be available to a different availability zone.

Option D is incorrect EBS volumes cannot be copied, they can only be replicated using snapshots.

Q6: A manufacturing firm has recently migrated their application servers to the Amazon EC2 instance. The IT Manager is looking for the details of upcoming scheduled maintenance activities which AWS would be performing on AWS resources, that may impact the services on these EC2 instances.

Which of the following services can alert you about the changes that can affect resources in your account?

- A.** AWS Organizations
- B.** AWS Personal Health Dashboard
- C.** AWS Trusted Advisor
- D.** AWS Service Health Dashboard

Answer – B

Explanation :

AWS Personal Health Dashboard provides alerts for AWS services availability & performance which may impact resources deployed in your account. Customers get emails & mobile notifications for scheduled maintenance activities which might impact services on these AWS resources.

Option A is incorrect as AWS Organizations do not provide any notifications for scheduled maintenance activities.

Option C is incorrect as AWS Trusted Advisor will provide notification on AWS resources created within the account for cost optimization, security, fault tolerance, performance, and service limits. It will not provide notification for scheduled maintenance activities performed by AWS on its resources.

Option D is incorrect as Service Health Dashboard displays the general status of all AWS services & will not display scheduled maintenance activities.

Q7: A website for an international sport governing body would like to serve its content to viewers from different parts of the world in their vernacular language. Which of the following services provide location-based web personalization using geolocation headers?

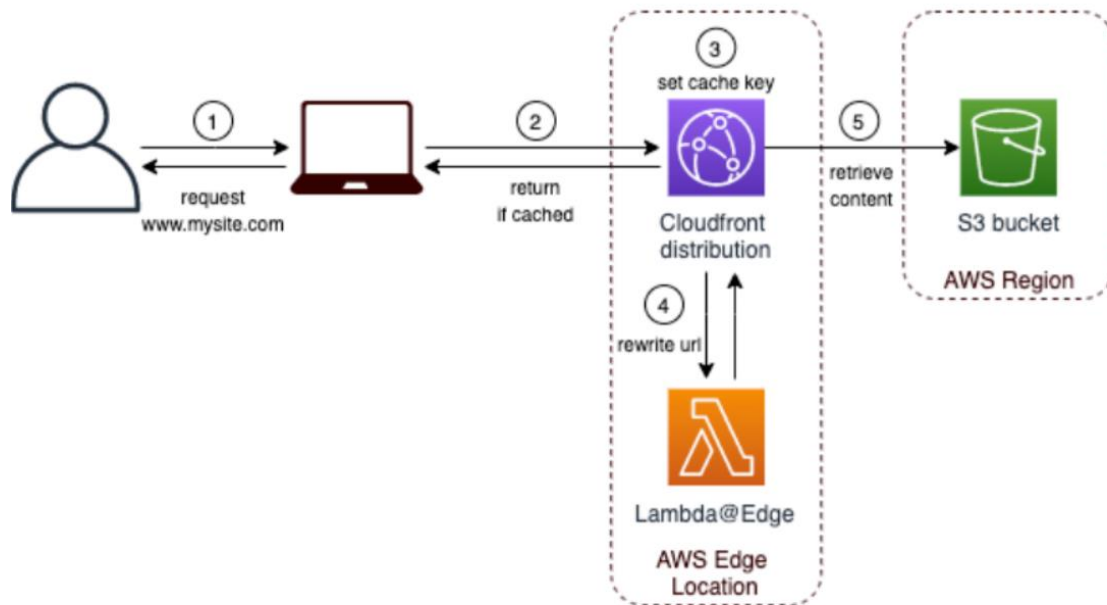
- A.** Amazon CloudFront
- B.** Amazon EC2 Instance
- C.** Amazon Lightsail
- D.** Amazon Route 53

Answer – A

Explanation :

Amazon CloudFront supports country-level location-based web content personalization with a feature called Geolocation Headers.

You can configure CloudFront to add additional geolocation headers that provide more granularity in your caching and origin request policies. The new headers give you more granular control of cache behavior and your origin access to the viewer's country name, region, city, postal code, latitude, and longitude, all based on the viewer's IP address.



- **Option B is INCORRECT** because EC2 is just a distractor, not suitable for routing and delivery.
- **Option C is INCORRECT** because Amazon Lightsail will primarily allow for developing, deploying, and hosting websites and web applications. The service will not meet the requirements of the scenario.
- **Option D is INCORRECT** because the geolocation routing policy of Route53 allows different resources to serve content based on the origin of the request. Route 53 does not use geolocation headers.

Q8: A company wants to utilize AWS storage. For them, low storage cost is paramount. The data is rarely retrieved and a data retrieval a

time of 13-14 hours is acceptable for them. What is the best storage option to use?

- A.** Amazon S3 Glacier
- B.** S3 Glacier Deep Archive
- C.** Amazon EBS volumes
- D.** AWS CloudFront

Answer – B

Explanation :

S3 Glacier Deep Archive offers the lowest cost storage in the cloud, at prices lower than storing and maintaining data in on-premises magnetic tape libraries or archiving data offsite.

It expands our data archiving offerings, enabling you to select the optimal storage class based on storage and retrieval costs, and retrieval times.

Option B is correct because S3 Glacier Deep Archive offers low-cost storage and retrieval time doesn't matter for the company. If the question asks for fast retrieval time then S3 Glacier would be correct.

Option A is incorrect because S3 Glacier is not cheaper than S3 Glacier Deep Archive.

Options C and D are incorrect because they are not suitable for data archive and faster retrieval. Also, the CloudFront is not for storage.

With **S3 Glacier**, customers can store their data cost-effectively for months, years, or even decades. S3 Glacier enables customers to offload the administrative burdens of operating and scaling storage to AWS, so they don't have to worry about capacity planning, hardware provisioning, data replication, hardware failure detection, and recovery, or time-consuming hardware migrations.

- **Amazon S3 Glacier** for archiving data that might infrequently need to be restored within a few hours
- **S3 Glacier Deep Archive** for archiving long-term backup cycle data that might infrequently need to be restored within 12 hours

Storage class	Expedited	Standard	Bulk
Amazon S3 Glacier	1–5 minutes	3–5 hours	5–12 hours
S3 Glacier Deep Archive	Not available	Within 12 hours	Within 48 hours

Q9: Which AWS service provides a fully managed NoSQL database service that provides fast and predictable performance with seamless scalability?

- A.** AWS RDS
- B.** DynamoDB
- C.** Oracle RDS
- D.** Elastic Map Reduce

Answer: – B

Explanation :

DynamoDB is a fully managed NoSQL offering provided by AWS. It is now available in most regions for users to consume.

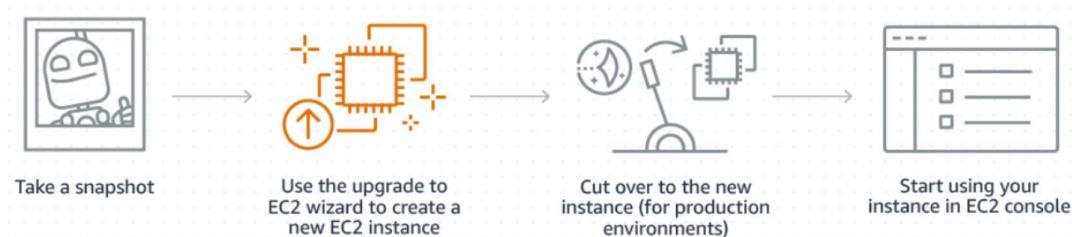
Q10: Which of the following LightSail Wizard allows the customers to “create a copy of the LightSail instance in EC2”?

- A.** LightSail Backup
- B.** LightSail Copy
- C.** Upgrade to EC2
- D.** LightSail-EC2 snapshot

Answer: C

Explanation :

- **Option A is INCORRECT.** LightSail Backup is an invalid option.
- **Option B is INCORRECT.** LightSail Copy is an invalid option.
- **Option C is CORRECT.** “Upgrade to EC2” is the feature that allows customers to “create a copy of the LightSail instance in EC2”.
To get started, you need to export your Lightsail instance manual snapshot. You’ll then use the Upgrade to EC2 wizard to create an instance in EC2. Customers who are comfortable with EC2 can then use the EC2 creation wizard or API to create a new EC2 instance as they would from an existing EC2 AMI.
- **Option D is INCORRECT.** A LightSail-EC2 snapshot is an invalid option.



Q11 : Which of the following activities are within the scope of AWS Support?

- A.** Troubleshooting API issues
- B.** Code Development
- C.** Debugging custom software
- D.** Third-party application configuration on AWS resources
- E.** Database query tuning

Correct Answers: A and D

As a part of AWS Support following activities are performed,

1. Queries regarding all AWS Services & features.
2. Best Practices to integrate, deploy & manage applications in the AWS cloud.
3. Troubleshooting API & SDK issues.
4. Troubleshooting operational issues.
5. Issues related to any AWS Tools.
6. Problems detected by EC2 health checks
7. Third-Party application configuration on AWS resources & products.

AWS Support does not include:

- Code development
- Debugging custom software
- Performing system administration tasks
- Database query tuning
- Cross-Account Support

Option B is incorrect as Code Development is not in the scope of AWS Support. This needs to be taken care of by the customer.

Option C is incorrect as Debugging custom software is not in the scope of AWS Support. This needs to be taken care of by the customer.

Option E is incorrect as Database query tuning is not in the scope of AWS Support. This needs to be taken care of by the customer.

Q12: Which of the below-listed services is a region-based AWS service?

- A.** AWS IAM
- B.** Amazon EFS
- C.** Amazon Route 53
- D.** Amazon CloudFront

Answer: B

Explanation :

- **Option A is INCORRECT.** AWS IAM is a global service.
- **Option B is CORRECT.** EFS is a regional service.
- **Option C is INCORRECT.** Route 53 is a global service.
- **Option D is INCORRECT.** Amazon Cloudfront is a global service.