

Which AWS service can be used to migrate an active, on-premises database to the AWS Cloud?

Report Content Errors

Incorrect. DataSync is a data transfer service that automates moving data between storage systems and services. You would not use DataSync to migrate active, on-premises databases.

Learn more about [DataSync](#).

**D AWS Database Migration Service (AWS DMS)** ✓

Correct. AWS DMS migrates relational databases, data warehouses, NoSQL databases, and other data stores from on premises to the AWS Cloud. You can use AWS DMS to perform one-time migrations or ongoing migrations.

Learn more about [AWS DMS](#).

A company wants to build a data analytics application that uses Amazon Redshift. The company needs a cost estimate for its future Amazon Redshift usage.

Which AWS tool will provide a high-level cost estimation?

Report Content Errors

**A AWS Budgets**

Incorrect. You can use AWS Budgets to set custom cost and usage budgets. You can use AWS Budgets to receive alerts when existing workloads exceed the forecast or the budget. You would not use AWS Budgets for cost estimates.

Learn more about [AWS Budgets](#).

**B AWS Pricing Calculator** ✓

Correct. AWS Pricing Calculator gives you the ability to create estimates for your AWS use cases before you build the applications. AWS Pricing Calculator can provide a cost estimate.

Which AWS service can host a static website?

Report Content Errors

**A Amazon S3** ✓

Correct. In addition to providing scalable object storage with high availability, security, and performance, Amazon S3 can be used to host a static website.

Learn more about [how to host a website from Amazon S3](#).

**B Amazon Route 53**

Incorrect. Amazon Route 53 is a Domain Name System (DNS) service in AWS. Route 53 cannot be used to host a static website.

Learn more about [Amazon Route 53](#).

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An online retail company has seasonal sales spikes several times a year, primarily around holidays. Demand is lower at other times. The company finds it difficult to predict the increasing infrastructure demand for each season.

Which advantages of moving to the AWS Cloud would MOST benefit the company? (Select TWO.)

[Report Content Errors](#)

capacity to match seasonal spikes.

Learn more about [the benefits of cloud computing](#).

**B Elasticity** ✓

Correct. Elasticity is a benefit that eliminates the need to guess infrastructure capacity needs, and gives you the ability to scale up and down as needed. Because the company has seasonal spikes in demand, elasticity of the cloud is an advantage the company could benefit from.

Learn more about [the benefits of cloud computing](#).

**C AWS service quotas**

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Which responsibility is shared between the user and AWS?

[Report Content Errors](#)

**C Control the environment of physical AWS data centers**

Incorrect. AWS is responsible for the protection of the infrastructure that runs all of the services offered in the AWS Cloud.

**D Provide awareness and training** ✓

Correct. AWS trains AWS employees, but a user must train their own employees. Therefore, this responsibility is a shared control.

Learn more about [the AWS shared responsibility model](#).

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According to the AWS shared responsibility model, which of the following tasks are AWS responsibilities? (Select TWO.)

[Report Content Errors](#)

**A The physical security of AWS facilities.** ✓

Correct. It is the responsibility of AWS to maintain the physical security of facilities.

Learn more about [the shared responsibility model](#).

**B Encrypting customer data.**

Incorrect. It is the user's responsibility to manage their data, which includes encryption.

**C Patching and updating the hypervisor.** ✓

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Which tasks require use of the AWS account root user? (Select TWO.)

[Report Content Errors](#)**A** Restoring IAM administrator permissions ✓

Correct. You must use the root user account to restore IAM permissions if the only IAM administrator accidentally revokes their own permissions.

Learn more about [tasks that require root user credentials](#).

**B** Modifying an Amazon EC2 instance type

Incorrect. You are not required to access the root user account to modify an EC2 instance type. An IAM user with the necessary permissions can modify an EC2 instance type.

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What is an IAM best practice for AWS account root user access keys?

[Report Content Errors](#)**A** Delete all root user access keys, if possible. ✓

Correct. It is not recommended to generate access keys for the root user because the root user provides full access to resources for all AWS services. The root user should not be used for everyday tasks. Root user should be used to complete the tasks that only the root user can perform.

Learn more about [security best practices for the root user](#).

**B** Use root user credentials to access sensitive information stored on AWS.

Incorrect. Access to sensitive information should be restricted by using IAM identities. It is not recommended to use root credentials for daily work. A policy can be created and assigned to groups or users that need to access this

10/65

A company wants to improve its security and audit posture by limiting Amazon EC2 inbound access.

What should the company use to access instances remotely instead of opening inbound SSH ports and managing SSH keys?

[Report Content Errors](#)**B** AWS Systems Manager Session Manager ✓

Correct. Session Manager is a node management service for the cloud or for on-premises compute units. Session Manager provides a secure connection through shell scripting. You can establish the connection without the need to open ports.

Learn more about [Session Manager](#).

**C** AWS Identity and Access Management (IAM)

Incorrect. You can use IAM to create users, roles, groups, and policies that authorize access to your AWS resources. However, you would not use IAM to connect to EC2 instances remotely.

What is an AWS best practice for managing an AWS account root user?

Report Content Errors

A Share the root user password with the operations team.

Incorrect. It is against AWS best practices to share the root user password.

Learn more about [root user best practices](#).

B Turn on multi-factor authentication (MFA) for the root user. ✓

Correct. It is an AWS best practice to turn on MFA for all users, including the root user.

Learn more about [MFA](#).

Which AWS Cloud design principles can help increase reliability? (Select TWO.)

Report Content Errors

C Testing recovery procedures ✓

Correct. This principle is part of the reliability pillar of the AWS Well-Architected Framework. Testing recovery procedures validates your procedures so that you can reliably recover from a failure.

Learn more about [the principles of the reliability pillar](#).

D Adopting a consumption model

Incorrect. This principle is part of the cost optimization pillar of the AWS Well-Architected Framework. When you adopt a consumption model, you pay for only the services that you need and use. When you adopt a consumption model, it is not about increasing reliability or the reliability pillar.

Learn more about [the cost optimization pillar](#).

Learn more about [the reliability pillar](#).

E Automatically recovering from failure ✓

Correct. This principle is part of the reliability pillar of the AWS Well-Architected Framework. Automatic failure recovery is the implementation of processes that can activate without manual intervention in the event of a detected failure.

Which AWS service or tool can a company use to visualize, understand, and manage AWS spending and usage over time?

Report Content Errors

Incorrect. You can use CloudWatch to monitor the performance of AWS workloads. You would not use CloudWatch to visualize or understand AWS spending and usage over time.

Learn more about [CloudWatch](#).

C AWS Cost Explorer ✓

Correct. Cost Explorer gives you the ability to visualize, understand, and manage your AWS spending and usage over time.

Learn more about [Cost Explorer](#).

D AWS Budgets

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Which of the following will help a user determine if they need to request a VPC service limit increase?

Report Content Errors

Learn more about [Amazon Dashboards](#).

**B** AWS Trusted Advisor ✓

Correct. Trusted Advisor performs many checks on your AWS environment and makes recommendations for improvement. One of these checks includes VPC service limit checks, which you can use to determine if you need a VPC service limit increase.

Learn more about [Trusted Advisor](#).

Learn more about [service limit checks with Trusted Advisor](#).

**C** AWS Cost and Usage Report

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A company does not own a physical data center but needs a network solution that connects employee laptops directly to the AWS Cloud.

Which AWS service will meet this requirement?

Report Content Errors

**B** AWS Client VPN ✓

Correct. Client VPN is a managed client-based VPN service that gives you the ability to securely access your AWS resources and the resources in your on-premises network. With Client VPN, you can access your resources from any location through an OpenVPN-based VPN client.

Learn more about [Client VPN](#).

**C** AWS Snowball Edge

Incorrect. Snowball Edge is a type of Snowball device that has onboard storage and compute power for select AWS capabilities. Snowball Edge can perform local processing and edge-computing workloads. Snowball Edge can transfer data between your local environment and the AWS

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Which AWS service or feature can a developer use to access AWS services programmatically?

Report Content Errors

Correct. gives users the ability to interact with AWS services through a web user interface.

Learn more about [the AWS Management Console](#).

**B** AWS software development kits (SDKs) ✓

Correct. With AWS SDK, users can programmatically access AWS services with an API from the programming languages of your choice.

Learn more about [AWS SDKs](#).

**C** AWS CodeDeploy

Incorrect. CodeDeploy is a deployment service used to

A cloud practitioner is developing a disaster recovery plan and intends to replicate data between multiple geographic areas.

Which component of the AWS Cloud should the company use to meet these requirements?

[Report Content Errors](#)

**B** AWS Regions ✓

Correct. A Region is a named set of AWS resources in the same geographic area. A Region comprises at least two Availability Zones. Regions would be the appropriate way to replicate data in a DR plan.

Learn more about [the AWS global infrastructure](#).

**C** Availability Zones

Incorrect. An Availability Zone is one or more discrete data centers with redundant power, networking, and connectivity within an AWS Region. For a DR plan, it is a best practice to replicate the data between separate geographic areas.

Which AWS service can help a company detect an outage of its website servers and redirect users to alternate servers?

[Report Content Errors](#)

Incorrect. GuardDuty is a security service that monitors your workloads for unusual activity and unauthorized access. GuardDuty does not redirect users to alternate servers in the event of an outage.

Learn more about [GuardDuty](#).

**C** Amazon Route 53 ✓

Correct. Route 53 resolves domain names to IP addresses through records. You can use Route 53 routing policies for failover routing to another set of resources.

Learn more about [Route 53](#).

**D** AWS Trusted Advisor

A company has a stateless application that can handle interruptions. The application must be available all day and night. Traffic increases heavily during business hours.

Which instance types for base and peak traffic are MOST cost-efficient to meet these requirements?

[Report Content Errors](#)

Incorrect. Reserved Instances are a cost-effective way to purchase EC2 instances for a workload that only peaks during business hours.

Learn more about [Reserved Instances](#).

**B** Reserved Instances for base traffic and Spot Instances for peak traffic using an Amazon EC2 Fleet ✓

Correct. Reserved Instances are cost-effective for base traffic because you can commit to use a certain capacity over a one-year or three-year agreement. Reserved Instances give you the ability to realize cost savings when you receive a discount for your Reserved Instance contract. Spot Instances for peak traffic gives you the ability to take advantage of discounted EC2 capacity. When combined with EC2 Fleet, you can set capacity targets that use your instance types to accommodate both predictable base traffic and peak traffic.

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A company wants to host its relational databases on AWS. The databases have predefined schemas that the company needs to replicate on AWS.

Which AWS services could the company use for the databases? (Select TWO.)

[Report Content Errors](#)**A Amazon Aurora** ✓

Correct. Aurora is a fully managed relational database service that is compatible with MySQL and PostgreSQL. You can use Aurora to host the company's relational databases.

Learn more about [Aurora](#).

**B Amazon RDS** ✓

Correct. Amazon RDS is a managed database service that supports relational database engines, including MySQL, PostgreSQL, MariaDB, Oracle, and Microsoft SQL Server. You can use Amazon RDS to host the company's relational databases.

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A company has existing software licenses that it wants to bring to AWS, but the licensing model requires licensing physical cores.

How can the company meet this requirement in the AWS Cloud?

[Report Content Errors](#)

Learn more about [default tenancy](#).

**B Launch an Amazon EC2 instance on a Dedicated Host.** ✓

Correct. A Dedicated Host can isolate EC2 instances from other accounts. You can control portions of the physical layer. Dedicated Hosts give you the ability to use existing software licenses.

Learn more about [Dedicated Hosts](#).

**C Create an On-Demand Capacity Reservation.**

Incorrect. You can reserve a set number of On-Demand

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A company needs to audit its AWS resources. The company must document any changes that have been made to the resources.

Which AWS service will meet these requirements?

[Report Content Errors](#)

AWS security and compliance reports and agreements. AWS Artifact does not audit or document changes to AWS resources.

Learn more about [AWS Artifact](#).

**B AWS Config** ✓

Correct. AWS Config is a fully managed service that can provide inventory and configuration history audit reports of AWS resources.

Learn more about [AWS Config](#).

**C Amazon Inspector**

What is a benefit of moving to the AWS Cloud in terms of improving time to market?

[Report Content Errors](#)

Incorrect. Security is an important consideration when you move to the AWS Cloud. However, security does not relate to the time necessary to deploy applications to market.

Learn more about [security in the AWS Cloud](#).

**C Increased business agility** ✓

Correct. Businesses that move to the AWS Cloud can become more agile. IT resources are available to deploy within minutes. Businesses can deploy new features or applications much quicker because resources are readily available.

Learn more about [agility](#).

A user has petabytes of data to migrate to AWS from an area where high-speed network connections are not possible.

Which service is the FASTEST way to transfer the data?

[Report Content Errors](#)

computing workloads on the AWS Cloud. However, AWS Batch alone cannot be used to migrate data.

Learn more about [AWS Batch](#).

**C AWS Snowball Edge** ✓

Correct. Snowball Edge provides a rugged and secure device for data transfer. With Snowball Edge devices, you can migrate large amounts of data by physically transporting the data without using the internet. This is a more cost-effective and faster solution than attempting to send petabytes of information over the internet.

Learn more about [Snowball Edge](#).

Which AWS services or features can control VPC traffic? (Select TWO.)

[Report Content Errors](#)

**A Security groups** ✓

Correct. A security group acts as a virtual firewall to control inbound and outbound traffic for your resources applied at the network interface level.

Learn more about [security groups](#).

**B AWS Direct Connect**

Incorrect. Direct Connect is a dedicated physical connection to AWS, which you can use to bypass the public internet to connect your internal network to AWS services. Direct Connect does not control VPC traffic.

Learn more about [Direct Connect](#).

**C Amazon GuardDuty**

Incorrect. GuardDuty is an intelligent threat detection monitoring service that helps detect malicious activity in your AWS environment. GuardDuty does not control VPC traffic.

Learn more about [GuardDuty](#).

**D Network ACLs** ✓



Which option is an AWS Cloud Adoption Framework (AWS CAF) foundational capability for the operations perspective?

[Report Content Errors](#)

**A** Performance and capacity management ✓

Correct. Performance and capacity management is a capability of the operations perspective in AWS CAF.

Learn more about [AWS CAF](#).

**B** Application portfolio management

Incorrect. Application portfolio management is a capability of the governance perspective in AWS CAF.

**C** Identity and access management

Which AWS database service provides in-memory data storage?

[Report Content Errors](#)

**B** Amazon ElastiCache ✓

Correct. ElastiCache is a fully managed in-memory data caching service for databases.

Learn more about [ElastiCache](#).

Learn more about [different AWS Cloud databases](#).

**C** Amazon RDS

Incorrect. Amazon RDS is a fully managed service for relational databases engines, including Amazon Aurora, MySQL, PostgreSQL, SQL Server, Oracle, and MariaDB. None of these engines provide in-memory data storage.

A company is launching a new application in the AWS Cloud. The application will run on an Amazon EC2 instance. More EC2 instances will be needed when the workload increases.

Which AWS service or tool can the company use to launch the number of EC2 instances that will be needed to handle the workload?

[Report Content Errors](#)

Learn more about [ELB](#).

**B** Amazon EC2 Auto Scaling ✓

Correct. You can use Amazon EC2 Auto Scaling to automatically make more EC2 instances available to handle the load for your application.

Learn more about [Amazon EC2 Auto Scaling](#).

**C** AWS App2Container (A2C)

Incorrect. App2Container is a command line tool. You can use App2Container to lift and shift the applications from your on-premise data center or virtual machines to

Which of the following are security best practices for using AWS Identity and Access Management (IAM)? (Select TWO.)

[Report Content Errors](#)

Incorrect. It is against AWS best practices to use the root user for non-essential tasks. You should only use root user credentials for tasks that require the root user.

Learn more about [root user best practices](#).

**B** Rotate credentials regularly. ✓

Correct. It is an AWS best practice to rotate credentials regularly.

Learn more about [credential best practices](#).

**C** Do not remove credentials, even if they are never used.

Incorrect. It is an AWS best practice to regularly review and remove unnecessary credentials.

Learn more about [credential best practices](#).

**D** Enable multi-factor authentication (MFA). ✓

Correct. It is an AWS best practice to require MFA for privileged users. MFA requires another authentication factor to sign in. Therefore, MFA provides an additional layer of security.

Which of the following is a benefit of using an AWS managed service?

[Report Content Errors](#)

**A** Reduced operational overhead for a company's IT staff ✓

Correct. Generally, companies can save annually on operational costs by using AWS managed services with operational best practices.

Learn more about [AWS Managed Services](#).

Learn more about [the benefits of AWS Managed Services](#).

**B** Increased fixed costs that can be predicted by a finance team

Incorrect. One benefit of AWS Cloud computing is to trade fixed costs for variable costs. Therefore, an increase in fixed costs is not a benefit.

After selecting an Amazon EC2 Dedicated Host reservation, which pricing option would provide the largest discount?

[Report Content Errors](#)

☐ C Partial upfront payment

Incorrect. Partial upfront payment has a lower initial cash payment. However, this type of payment does not provide the largest discount.

Learn more about [Dedicated Host reservation pricing](#).

☒ D All upfront payment ✓

Correct. All upfront pricing requires you to pay everything ahead of time. This pricing option provides the largest discount.

Learn more about [Dedicated Host reservation pricing](#).

What are characteristics of AWS IAM users and groups? (Select TWO.)

[Report Content Errors](#)

☐ A A user can only contain users, not other groups.

☒ B A user can be a member of multiple groups. ✓

Correct. A user can be added to multiple groups.

Learn more about [user groups](#).

[Learn more about IAM users](#).

☒ C Groups can contain users only and cannot be nested. ✓

Correct. A user group can only contain users, but not other user groups.

Which of the following are characteristics of AWS Regions and Availability Zones? (Select TWO.)

[Report Content Errors](#)

☒ B Regions consist of multiple Availability Zones. ✓

Correct. Regions contain multiple, isolated areas of deployment named Availability Zones. Availability Zones make workloads highly available.

Learn more about [Regions and Availability Zones](#).

☐ C An Availability Zone contains several Regions.

Incorrect. Availability Zones are a collection of data centers that reside within a Region.

Learn more about [Regions and Availability Zones](#).

☐ D Regions are within 100 km (60 miles) of each other.

Incorrect. Regions are not within 100 km (60 miles) of each other. Regions are located around the world. Each Region is divided into multiple Availability Zones. Availability Zones provide failover within the Region.

Learn more about [Regions and Availability Zones](#).

☒ E Regions are located around the world. ✓

◀ ▶ | 40/65

Which AWS service should be used to monitor Amazon EC2 instances for CPU and network utilization?

[Report Content Errors](#)

and network utilization.

Learn more about [CloudTrail](#).

☒ C Amazon CloudWatch ✓

Correct. CloudWatch monitors resources and collects real-time logs. The logs can give you insight on your resource's overall health. With the CloudWatch agent installed on an EC2 instance, you can monitor your EC2 instances for CPU and network utilization.

Learn more about [CloudWatch](#).

☐ D AWS Config

◀ ▶ | 41/65

A company has an Amazon EC2 instance that must access AWS Secrets Manager to retrieve credentials. Which identity or service is required by the EC2 instance to perform the task?

[Report Content Errors](#)

access to Secrets Manager.

Learn more about [MFA](#).

☒ B IAM role ✓

Correct. The EC2 instance will require an instance profile associated with an IAM role to be able to access Secrets Manager. The IAM role will provide the necessary permissions to the EC2 instance.

Learn more about [IAM identities](#).Learn more about [IAM roles](#).

☐ C IAM group

◀ ▶ | 42/65

A company wants to ensure that two Amazon EC2 instances are in separate data centers with minimal communication latency between the data centers.

How can the company meet this requirement?

[Report Content Errors](#)

☒ B Place the EC2 instances in two separate Availability Zones within the same AWS Region. ✓

Correct. The use of two Availability Zones in the same Region ensures low latency and provides protection against failure of one Availability Zone.

Learn more about [Availability Zones and low latency](#).

☐ C Place one EC2 instance on premises and the other in an AWS Region. Then connect them by using an AWS VPN connection.

Incorrect. An EC2 instance cannot be run outside of AWS unless you have AWS Outposts servers installed on-premises. Although deploying an EC2 instance to another

A company has a Java web application. The company wants to use auto deployment to create the AWS environment and deploy new versions of its application.

Which AWS service will meet these requirements?

[Report Content Errors](#)

Learn more about [auto scaling](#).

**B** AWS Elastic Beanstalk ✓

Correct. Elastic Beanstalk deploys and scales web applications and services. First, you upload your code to Elastic Beanstalk. Then, Elastic Beanstalk automatically manages the deployment. Additionally, Elastic Beanstalk manages capacity provisioning, load balancing, auto scaling, and application health monitoring.

Learn more about [Elastic Beanstalk](#).

**C** AWS Control Tower

Which AWS service offers the MOST cost-effective means of storing static images?

[Report Content Errors](#)

**A** Amazon S3 ✓

Correct. Amazon S3 is the most cost effective option to store static images because you only pay for what you use.

Learn more about [Amazon S3 pricing](#).

**B** Amazon DynamoDB

Incorrect. DynamoDB is a NoSQL key value database. You can use DynamoDB to store JSON documents, but you cannot store images in DynamoDB.

Learn more about [DynamoDB](#).

Which architecture design principle applies to the concept of rightsizing the AWS Cloud infrastructure?

[Report Content Errors](#)

Learn more about [reliability](#).

**B** Optimize for cost. ✓

Correct. You can use metrics from the currently running workload to select the right size and type to optimize for cost. This solution is one of the best practices on the cost optimization pillar for the Well-Architected Framework.

Learn more about [cost optimization](#).

**C** Make frequent, small, reversible changes. ✗

Incorrect. The solution to make frequent, small, reversible changes is a design principle related to the operational

Which of the following are security principles in the AWS Well-Architected Framework? (Select TWO.)

Report Content Errors

A Analyze and attribute expenditures.

Incorrect. Analyze and attribute expenditures is a principle of the cost optimization pillar of the Well-Architected Framework.

Learn more about [cost optimization principles](#).

B Monitor, alert, and audit actions and changes to AWS resources. ✓

Correct. Traceability includes monitor and alert actions. Traceability is a principle of the security pillar of the Well-Architected Framework.

Learn more about [security principles](#).

Which of the following are security principles in the AWS Well-Architected Framework? (Select TWO.)

Report Content Errors

D Protect data in transit and at rest. ✓

Correct. To protect data in transit and at rest is a principle of the security pillar of the Well-Architected Framework.

Learn more about [security principles](#).

E Perform operations as code.

Incorrect. Perform operations as code is a principle of the operational excellence pillar of the Well-Architected Framework.

Learn more about [operational excellence principles](#).

An application is receiving SQL injection attacks from multiple external resources.

Which AWS service or feature can help automate mitigation against these attacks?

Report Content Errors

A AWS WAF ✓

Correct. AWS WAF is a web application firewall that helps protect your web applications from common web exploits that could affect application availability, compromise security, or consume excessive resources.

Learn more about [how to use AWS WAF to protect against SQL injection attacks](#).

B Security groups

Incorrect. Security groups are used to manage traffic from specific IP addresses or ranges to specific ports. Security groups do not mitigate against SQL injection attacks.

A company wants to continuously monitor AWS account activity, including actions taken through the AWS Management Console, AWS software development kits (SDKs), and command line tools.

Which AWS service meets these requirements?

Report Content Errors

metrics on resources and applications that run on AWS in real time. You can use the metrics to gain insights, create alarms, and send notifications. You can integrate CloudWatch with CloudTrail. However, by itself CloudWatch does not monitor activity in an AWS account.

Learn more about [CloudWatch](#).

**D** AWS CloudTrail

Correct. CloudTrail continuously monitors and logs activity in an AWS account. CloudTrail logs include actions that users take through the console, SDKs, API calls, and the AWS CLI.

Learn more about [CloudTrail](#).

Which AWS Support plan includes a designated AWS technical account manager (TAM)?

Report Content Errors

TAM. TAMs are only a feature of the Enterprise On-Ramp Support plan and the Enterprise Support plan.

**B** AWS Enterprise Support

Correct. Enterprise Support includes access to a designated TAM.

Learn more about [AWS support plans](#).

Learn more about [features of AWS support plans](#).

**C** AWS Basic Support

Incorrect. Basic Support does not include a designated

Which tasks are the customer's responsibility, according to the AWS shared responsibility model? (Select TWO.)

Report Content Errors

**A** Patch the guest operating system.

Correct. The customer has full responsibility to patch operating systems and applications. AWS is not responsible for patching the guest operating system.

Learn more about [the shared responsibility model](#).

**B** Physically secure the data center hardware.

Incorrect. The customer cannot access data centers. Therefore, the customer is not responsible for physically securing hardware in a data center.

**C** Patch the network hardware.

Incorrect. The customer does not have physical access to the network hardware. Therefore, the customer is not responsible for patching network hardware. AWS is responsible for patching network hardware.

**D** Configure firewalls.

Correct. The customer has full responsibility to configure all firewall rules in relation to the operating system and

Which benefit does Amazon Rekognition provide?

Report Content Errors

A The ability to place watermarks on images

Incorrect. Amazon Rekognition uses pre-trained machine learning models to detect objects in images. However, Amazon Rekognition does not add watermarks to the image.

B The ability to detect objects that appear in pictures ✓

Correct. Amazon Rekognition uses pre-trained machine learning models to detect objects in images.

Learn more about [Amazon Rekognition](#).

C The ability to resize millions of images automatically

Incorrect. Amazon Rekognition uses pre-trained machine learning models to detect objects in images. However, Amazon Rekognition does not resize the image.

D The ability to bid on object detection jobs

Incorrect. Amazon Rekognition uses pre-trained machine learning models to detect objects in images. However,



Your Answer:

Correct Answer:

Multiple-Choice Questions

Time Elapsed: 00:34 [Done Reviewing](#)

A system automatically recovers from failure when a company launches its workload on the AWS Cloud services platform.

Which pillar of the AWS Well-Architected Framework does this situation demonstrate?

Report Content Errors

A Reliability ✓

Correct. The reliability pillar focuses on workloads that perform their intended functions and how to recover quickly from failure to meet demands. One of the design principles of the reliability pillar is automatic recovery from failure.

Learn more about [the reliability pillar](#).

B Cost optimization

Incorrect. The cost optimization pillar focuses on how to avoid unnecessary costs. Key topics include how to spend over time and control fund allocation, select resources of the right type and quantity, and scale to meet business needs without overspending.

Learn more about [the cost optimization pillar](#).

C Performance efficiency

Incorrect. The performance efficiency pillar focuses on structured and streamlined allocation of IT and computing resources. Key topics include how to select resource types and sizes optimized for workload requirements, monitor performance, and maintain efficiency as business needs evolve.



A company hosts an application on an Amazon EC2 instance. The EC2 instance needs to access several AWS resources, including Amazon S3 and Amazon DynamoDB.

What is the MOST operationally efficient solution to delegate permissions?

[Report Content Errors](#)

**A** Create an IAM role with the required permissions. Attach the role to the EC2 instance. ✓

Correct. A solution that creates an IAM role with appropriate permissions and attaches the role to the EC2 instance will provide access to the AWS resources. This solution is a security best practice.

Learn more about [roles for Amazon EC2](#).

**B** Create an IAM user and use its access key and secret access key in the application.

Incorrect. A solution that includes access keys and secret access keys in application code is not necessary. This solution is not a security best practice. The best solution would be to attach an IAM role with appropriate permissions to the EC2 instance.

**C** Create an IAM user and use its access key and secret access key to create a CLI profile in the EC2 instance.

Incorrect. A solution that creates an IAM user and uses its access key and secret access key in a profile is not necessary. This solution is not a security best practice. The best solution would be to attach an IAM role with appropriate permissions to the EC2 instance.

A web developer is concerned that a DDoS attack could target an application.

Which AWS services or features can help protect against such an attack? (Select TWO.)

[Report Content Errors](#)

**A** AWS Shield ✓

Correct. Shield is a managed distributed denial of service (DDoS) protection service that you can use to help protect against DDoS attacks.

Learn more about [AWS Shield](#).

**B** AWS CloudTrail

Incorrect. CloudTrail helps with governance, compliance, operational auditing, and risk auditing of AWS accounts. CloudTrail does not protect against DDoS attacks.

Learn more about [CloudTrail](#).

**C** Amazon CloudFront ✓

Correct. Shield Standard exists on CloudFront and Amazon Route 53, which provides protection against DDoS attacks.

Learn more about [CloudFront and Shield](#).

**D** AWS Support



Your Answer:

Correct Answer:

A company needs to run an application on Amazon EC2 instances. The running workload cannot be interrupted. The company needs an instance purchasing option that requires no commitment.

Which instance purchasing option will meet these requirements MOST cost effectively?

[Report Content Errors](#)

A On-Demand Instances ✓

Correct. With On-Demand Instances, you only pay for the compute power that you use. You can pay by the hour or by the second. There is no time commitment.

Learn more about [On-Demand Instances](#).

B Spot Instances

Incorrect. Spot Instances provide discounted rates for EC2 instances. However, you should use Spot Instances for applications or workloads that have flexible start times and stop times. A Spot Instance only runs when capacity is available. Therefore, this instance type is not feasible for a workload that cannot be interrupted.

Learn more about [Spot Instances](#).

C Dedicated Hosts

Incorrect. Dedicated Hosts give you the ability to use server-bound licenses. However, Dedicated Hosts are more expensive than non-dedicated hosts.

Learn more about [Dedicated Hosts](#).

Multiple-Choice Questions

⌚ Time Elapsed: 00:21 | [Done Reviewing](#)

According to the AWS shared responsibility model, which task is the responsibility of AWS for workloads running on Amazon EC2?

[Report Content Errors](#)

A Updating the physical hardware ✓

Correct. It is the responsibility of AWS to ensure the security and compliance of the AWS Cloud, which includes physical hardware.

Learn more about [the shared responsibility model](#).

B Updating the operating system

Incorrect. It is the responsibility of the user to patch operating systems.

C Updating the database engine

Incorrect. The database engine that runs on an EC2 instance is the responsibility of the user. Therefore, the user is also responsible for the update of the database engine.

D Updating the user data

Incorrect. Any data that is owned by the user, which includes user data, is the responsibility of the user to secure, update, and maintain.

Which service can a customer use to set up a management payer account to view consolidated billing reports?

Report Content Errors

Incorrect. Macie is a security service that uses machine learning and pattern matching to automatically discover, classify, and protect sensitive data in Amazon S3. You cannot use Macie to consolidate billing reports.

Learn more about [Macie](#).

☐ Amazon QuickSight

Incorrect. QuickSight is a business intelligence service that delivers insights with dashboards. You cannot use QuickSight to consolidate billing reports.

Learn more about [QuickSight](#).

☒ AWS Organizations ✓

Correct. Organizations is an account management service that gives you the ability to consolidate multiple AWS accounts to centrally manage. Consolidated billing is a feature in Organizations that you can use to consolidate billing and payment for multiple AWS accounts.

Learn more about [Organizations](#).

Learn more about [consolidated billing for Organizations](#).

Which feature can be used to protect Amazon S3 buckets from accidental overwrites or deletions?

Report Content Errors

☐ Lifecycle policies

Incorrect. You can use lifecycle policies to set rules to transition objects to different storage classes. You cannot use lifecycle policies to protect S3 buckets from overwrites or deletions.

Learn more about [S3 lifecycle policies](#).

☒ Bucket versioning ✓

Correct. Bucket versioning gives you the ability to maintain multiple versions of an object in an S3 bucket. Therefore, if you accidentally delete or overwrite an object, Amazon S3 does not remove the object permanently. Instead, Amazon S3 inserts a delete marker for the object in buckets with versioning turned on. This feature gives you the ability to restore previous versions of every object that is stored in the bucket.

Learn more about [S3 bucket versioning](#).

☐ Server-side encryption

Incorrect. You can use server-side encryption to protect data that is stored in Amazon S3. However, server-side encryption does not prevent overwrites or deletions.

◀ ▶ | 59/65

🔖 ✎

Which AWS compute service is serverless?

Report Content Errors

Incorrect. Amazon EC2 is not a serverless service. Amazon EC2 provides secure, resizable compute capacity in the cloud. When you provision an EC2 instance, you have access to the EC2 instance and operating system to implement patches or maintenance tasks. When you use Amazon EC2, you must implement infrastructure management tasks like capacity provisioning.

Learn more about [Amazon EC2](#).

B AWS Lambda ✓

Correct. Lambda is a serverless service. When you use Lambda, you upload code and choose an event that will determine when the function runs. AWS manages all the patches, infrastructure maintenance, and capacity planning of Lambda.

Learn more about [Lambda](#).

C Amazon RDS

Incorrect. Amazon RDS is not a serverless service. Amazon RDS runs a database engine on top of DB instances. When you create a database by using Amazon RDS, you must first select the DB instance size and type as part of the capacity planning process. Then, as the Amazon RDS storage or usage capacity gets consumed, you must implement capacity provisioning and management tasks. AWS does not automatically handle the capacity and

◀ ▶ | 60/65

🔖 ✎

Multiple-Choice Questions

⌚ Time Elapsed: 00:19 | [Done Reviewing](#)

What is a responsibility of AWS under the AWS shared responsibility model?

Report Content Errors

A Design a customer's application for disaster recovery.

Incorrect. AWS offers many services to help with disaster recovery and business continuity planning. However, according to the shared responsibility model, it is the customer's responsibility to decide which services to use.

B Update the guest operating systems on deployed Amazon EC2 instances.

Incorrect. The customer must manage updates on the customer's provisioned infrastructure.

C Configure new resources within an AWS account.

Incorrect. The customer decides which services to use and how to use them.

D Secure the physical infrastructure. ✓

Correct. AWS fully maintains the physical controls.

Learn more about [the AWS shared responsibility model](#).

✓ Your Answer: Correct Answer:

A company needs to transfer 60 TB of data to the AWS Cloud in a secure manner. Which of the following should the company use to meet these requirements?

[Report Content Errors](#)

**A** AWS Snowball Edge ✓

Correct. Snowball Edge is a hardware device with onboard storage and compute power. Snowball Edge transfers data between your local environment and the AWS Cloud. Snowball Edge can also perform local processing and edge-computing workloads. Snowball Edge supports terabytes of data transfer.

Learn more about [Snowball Edge](#).

**B** Amazon Elastic Block Store (Amazon EBS)

Incorrect. Amazon EBS does not transfer data. Amazon EBS provides block level storage volumes that you can use with Amazon EC2 instances.

Learn more about [Amazon EBS](#).

**C** Amazon Elastic File System (Amazon EFS)

Incorrect. Amazon EFS does not transfer data. Amazon EFS provides a serverless elastic file system that you can use with AWS Cloud services and on-premises resources.

Learn more about [Amazon EFS](#).

A company wants its employees to have access to virtual desktop infrastructure to securely access company-provided desktops through the employees' personal devices. Which AWS service should the company use to meet these requirements?

[Report Content Errors](#)

Incorrect. You can use AWS AppSync to create, manage, and secure GraphQL APIs. The GraphQL APIs securely query or update data from multiple databases in the AWS Cloud. AWS AppSync does not provide access to virtual desktop infrastructure.

Learn more about [AWS AppSync](#).

**C** Amazon FSx for Windows File Server

Incorrect. FSx for Windows File Server is fully managed shared storage for Windows servers. FSx for Windows File Server does not provide access to virtual desktop infrastructure.

Learn more about [FSx for Windows File Server](#).

**D** Amazon WorkSpaces ✓

Correct. WorkSpaces can run a cloud desktop directly on many kinds of devices. WorkSpaces can run on PC, Mac, iPad, or Kindle Fire. Therefore, users can securely interact with company-provided desktops through their personal devices.

Learn more about [WorkSpaces](#).



Your Answer:

Correct Answer:

A developer needs to access AWS resources from the AWS CLI.

Which feature in AWS Identity and Access Management (IAM) can the developer use for authentication?

[Report Content Errors](#)

**A** IAM access keys ✓

Correct. IAM access keys are short-term or long-term credentials. Access keys give you the ability to access AWS programmatically.

Learn more about [IAM access keys](#).

**B** IAM policies

Incorrect. IAM policies define the permissions of IAM identities and AWS resources. You cannot use IAM policies as credentials to access AWS.

Learn more about [IAM policies](#).

**C** SSH keys

Incorrect. SSH keys are a network method for remote server access. You cannot use SSH keys for authentication with the AWS CLI.

Learn more about [SSH keys](#).

**D** Account password policies



Your Answer:

Correct Answer:

What is an example of high availability in the AWS Cloud?

[Report Content Errors](#)

Learn more about [AWS Support](#).

**B** Ensuring that an application remains accessible, even if a resource fails ✓

Correct. High availability in the AWS Cloud ensures that an application remains accessible, even if a resource fails. High availability architecture is designed to have no single point of failure.

Learn more about [high availability](#).

**C** Making any AWS service available for use by paying on demand

Incorrect. This option is an example of pay-as-you-go pricing rather than high availability.

Learn more about [pay-as-you-go pricing](#).

**D** Deploying in any part of the world by using AWS Regions

Incorrect. This option is an example of the global presence of AWS, not high availability.

Learn more about [the benefits of global presence of AWS](#).

A large company has a workload that requires hardware to remain on premises. The company wants to use the same management and control plane services that it currently uses on AWS.

Which AWS service should the company use to meet these requirements?

[Report Content Errors](#)

☐ B AWS Fargate

Incorrect. Fargate is a serverless service that you can use with Amazon Elastic Container Service (Amazon ECS). You can use Fargate to run containers without the need to manage servers or clusters of Amazon EC2 instances.

Learn more about [Fargate](#).

☒ C AWS Outposts

Correct. Outposts gives you the ability to use AWS installed hardware on-premises to extend and run native AWS services on-premises. If you use Outposts, you can run some AWS services locally by using the same AWS services, tools, and APIs.

Learn more about [Outposts](#).

☐ D AWS Ground Station

Incorrect. Ground Station is used to control satellite communications, process satellite data, and scale satellite operations. Ground Station is not related to running AWS services with on-premises hardware.

Learn more about [Ground Station](#).