100% Complete
Last activity on August 16, 2023

QUIZ 7 OF 19 November 14, 2024

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Timed Mode Set 6 – AWS Certified Cloud Practitioner

36 of 65 questions answered correctly

YOUR TIME:
01:19:34

You have reached 36 of 65 point(s), (55.38%)

Categories

CCP – Billing, Pricing and Support	0%
CCP – Cloud Concepts	66.67%
CCP – Cloud Technology and Services	57.89%
CCP – Security and Compliance	50%

Sorry, you failed the test. Carefully read our detailed explanations including the references and cheat

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

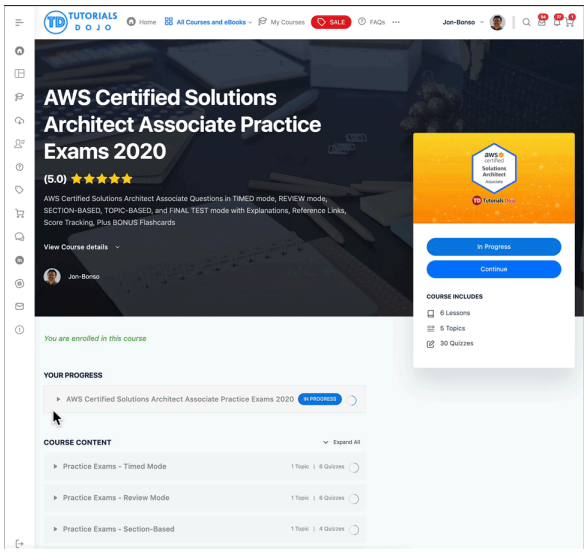
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

sheets then try again.

To view your record of all previous attempts:



Visit our FAQ page for more information on the site's features.

Restart Quiz

View All Questions

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

1. QUESTION

Which of the following options accurately describes the characteristics of VPC endpoints? (Choose two).

- [ ] VPC endpoints allow private connections between a VPC and an on-premises environment.
- [ ] VPC endpoints enable public connection for applications without requiring public IP addresses.
- [ ] VPC endpoints provide a secure and private connection between a VPC and supported AWS services.
- [ ] VPC endpoints automatically apply encryption to the connection for enhanced security.

VPC endpoints eliminate the need for internet and NAT gateways when accessing AWS services privately within a VPC.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

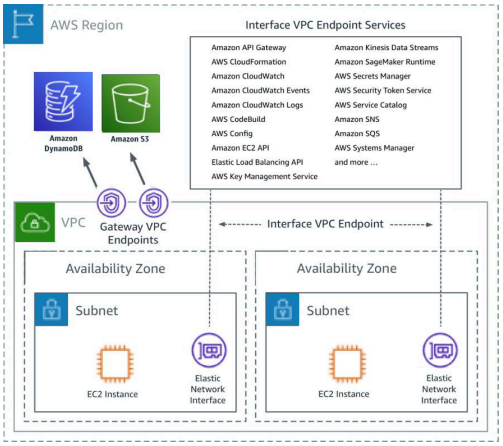
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

A **Virtual Private Cloud (VPC) endpoint** is a service that enables you to securely access specific AWS services without needing to use public internet connectivity or traversing through the AWS network. It establishes a private connection between the VPC and the target AWS service, allowing access to its resources privately and securely.



By using VPC endpoints, you can achieve several benefits:

– **Enhanced security**– since the traffic flows through private networks within the AWS infrastructure, it eliminates the exposure of the

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

data to the public internet, reducing the risk of unauthorized access.

– Simplified network architecture– with VPC endpoints, users don't need to configure and manage complex network configurations like NAT gateways or VPN connections. This simplifies the network architecture and reduces the operational overhead.

– Improved performance– VPC endpoints provide low-latency, high-bandwidth connections to AWS services. By bypassing the public internet, users can achieve faster data transfers and reduced network latency.

Cost optimization– with VPC endpoints, it can reduce or eliminates data transfer costs associated with public internet traffic. Since the data travels within the AWS network, you are charged only for the data transfer within the AWS infrastructure.

Hence the correct answers are:

– VPC endpoints provide a secure and private connection between a VPC and supported AWS services.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

– VPC endpoints eliminate the need for internet and NAT gateways when accessing AWS services privately within a VPC.

The option that says: **VPC endpoints allow private connections between a VPC and an on-premises environment** is incorrect because VPC endpoints are designed to establish private connections between a VPC and supported AWS services. They do not provide direct connections between a VPC and an on-premises environment.

The option that says: **VPC endpoints automatically apply encryption to the connection for enhanced security** is incorrect. VPC endpoints do not handle encryption themselves. While they provide a secure and private connection, encryption for data transfer should be implemented separately. This can be done using protocols such as SSL/TLS or encrypting the data before transferring it to the S3 bucket.

The option that says: **VPC endpoints enable public connection for applications without requiring public IP addresses** is incorrect because VPC endpoints do not

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

enable public connections. They are designed to establish private connections within the VPC and support AWS services. For example, you can give EC2 instances in your VPC direct access to an S3 bucket without the need for outgoing traffic to traverse the public internet.

References:

https://docs.aws.amazon.com/whitepapers/latest/aw
privatelink/what-are-vpc-endpoints.html

https://docs.aws.amazon.com/vpc/latest/userguide/
it-works.html

Check out this Amazon VPC Cheat Sheet:

https://tutorialsdojo.com/amazon-vpc/

2. QUESTION

A customer needs to organize and consolidate information based on criteria specified in tags or resources in AWS. Which of the following services would you recommend to satisfy this requirement?

- AWS IAM Group
- AWS Directory Service

AWS Resource Groups

AWS CloudTrail

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

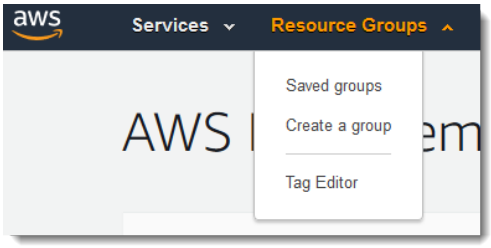
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

AWS Resource Groups lets you organize AWS resources such as Amazon EC2 instances, Amazon Relational Database Service databases, and Amazon S3 buckets into groups using criteria that you define as tags. A resource group is a collection of resources that match the resource types specified in a query and share one or more tags or portions of tags. You can create a group of resources based on their roles in your cloud infrastructure, lifecycle stages, regions, application layers, or virtually any criteria.



By default, the AWS Management Console is organized by AWS service. But with Resource Groups, you can create a custom console that organizes and consolidates information based on criteria specified in tags, or the resources in an AWS.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Hence, the correct answer is**: AWS Resource Groups.**

AWS CloudTrail is incorrect because this is a service that logs and monitors API activity within AWS accounts, and while it does provide tagging of logs, it is not designed for organizing or consolidating resources based on tags or other criteria.

AWS IAM Group is incorrect because this is just a collection of IAM users. You can't organize AWS resources using the IAM user group.

AWS Directory Service is incorrect because this provides directories that contain information about your organization, users, groups, computers, and other resources. This service is not capable of organizing a collection of resources.

References:

https://docs.aws.amazon.com/ARG/latest/APIReferer

https://docs.aws.amazon.com/ARG/latest/userguide/

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

3. QUESTION

A company has a large amount of data stored on-premises and wants to migrate its data to the cloud. They need a service that allows them to store and retrieve their data quickly, provides durability, and is cost-effective. Which AWS service would be the most suitable for this requirement?

- Amazon S3
- AWS Storage Gateway
- Amazon EFS
- Amazon Glacier

Incorrect

Amazon S3 (Amazon Simple Storage Service) is a highly scalable object storage service designed to offer exceptional performance, data availability, security, and scalability. With Amazon S3, customers of all sizes and industries can store and secure vast amounts of data for a range of use cases, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon S3 also comes with powerful management features that enable customers to optimize, organize, and configure access to their data to meet specific organizational, business, and compliance needs.

S3 Versioning is a feature that enables you to maintain multiple versions of an object in a single bucket. By using S3 Versioning, you can protect, retrieve, and recover any version of an object that is stored in your buckets. This feature allows you to restore your data easily in case of unintentional user actions or application failures.

Hence, the correct answer is: **Amazon S3.**

AWS Storage Gateway is incorrect because it is primarily designed for backup, disaster recovery, and data migration, and although it offers hybrid cloud storage integration, it may not be the most suitable AWS service for a scenario that requires quick data access.

Amazon Glacier is incorrect because it is designed as a low-cost, long-term archival storage service and may not be the most

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

suitable AWS service for a scenario that requires quick data access. Although Amazon Glacier provides durability and cost-effectiveness, its retrieval times can be longer than other AWS storage services.

Amazon EFS is incorrect. Although it offers fast access to shared file storage in the cloud and provides durability, it may not be the most cost-effective solution for storing a large amount of data. Amazon EFS is designed for use cases that require shared file access across multiple instances, which can make it a more expensive option for storing and retrieving data compared to other AWS storage services.

References:

https://aws.amazon.com/s3/

https://docs.aws.amazon.com/AmazonS3/latest/user

Check out this Amazon S3 Cheat Sheet:

https://tutorialsdojo.com/amazon-s3/

4. QUESTION

A company plans to migrate on-premises VMs to AWS. To coordinate the large-scale migration, they must

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

find a way to automate, schedule, and track the entire procedure.

Which of the following services should they use?

- Use AWS Application Migration Service to migrate on-premises workloads to AWS.
- Use AWS Database Migration Service to migrate on-premises workloads to AWS.
- Use Amazon CloudWatch to monitor the migration process.
- Use AWS Migration Hub to track the progress of migrations.

Correct

AWS Application Migration Service (MGN) is the primary migration service recommended for lift and shift migrations to AWS. AWS Application Migration Service simplifies and expedites your migration to AWS by automatically converting your source servers from physical, virtual, or cloud infrastructure to run natively on

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

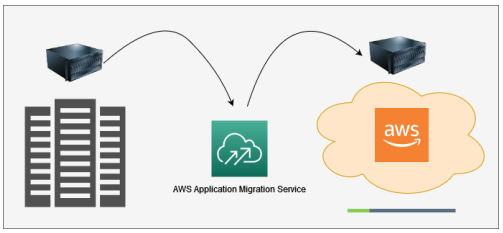
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS. It further simplifies your migration and reduces costs by enabling you to use the same automated process for a wide range of applications without changes to applications, their architecture, or the migrated servers.



AWS MGN provides the following key benefits:

– Simplify operations and get better insights with AWS MGN integration with AWS IAM, Amazon CloudWatch, AWS CloudTrail, and other AWS services.

– Maintain normal business operations throughout the replication process. Also, continuous replication makes it easy to conduct non-disruptive tests and shortens cutover windows.

– Lift and shift any application from any source infrastructure that runs supported operating systems.

The requirement for this scenario is to coordinate large-scale server migrations. To accomplish this requirement, you can use AWS

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Application Migration Service to automate the migration of your on-premises workloads to the AWS Cloud. You can also track the status of migration in the AWS MGN dashboard.

Hence, the correct answer is: **Use AWS Application Migration Service to migrate on-premises workloads to AWS.**

The option that says: **Use AWS Database Migration Service to migrate on-premises workloads to AWS** is incorrect because AWS DMS is mainly used for migrating databases from on-premises to AWS. You cannot use this service to orchestrate and track large-scale server migrations.

The option that says: **Use AWS Migration Hub to track the progress of migrations** is incorrect because AWS Migration Hub can only monitor application migrations. The requirement in the scenario is to coordinate large-scale server migrations. Therefore, you need to use AWS Application Migration Service.

The option that says: **Use Amazon CloudWatch to monitor the migration process** is incorrect because you can't use Amazon CloudWatch to monitor the server

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

migration process. Instead, use AWS MGN to track the progress of server migrations.

References:

https://aws.amazon.com/blogs/aws/how-to-use-the-new-aws-application-migration-service-for-lift-and-shift-migrations/

https://aws.amazon.com/application-migration-service/

Check out these AWS Migration Services Cheat Sheets:

https://tutorialsdojo.com/aws-cheat-sheets-migration-services/

5. QUESTION

A gaming company needs a service that uses the AWS global network to optimize users' access speed to their applications through an anycast static IP address. Which of the following services fits this criteria?

- Amazon ElastiCache
- AWS Global Accelerator
- Amazon CloudFront
- Amazon Route 53

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

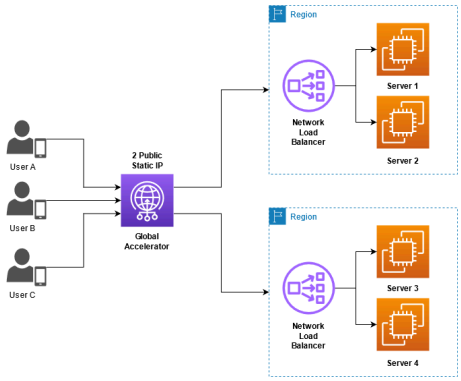
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

AWS Global Accelerator is a service that improves the availability and performance of your applications with local or global users. It provides you with static IP addresses that serve as a fixed entry point to your applications hosted in one or more AWS Regions. These IP addresses are anycast from AWS edge locations, so they're announced from multiple AWS edge locations at the same time. This enables traffic to ingress onto the AWS global network as close to your users as possible.



Global Accelerator uses the AWS global network to optimize the path from your users to your applications, improving the performance of your traffic by as much as 60%. Also with this service, you can easily move endpoints between AWS Regions or AZs without updating your DNS configuration.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Hence, the correct answer is: **AWS Global Accelerator.**

Amazon ElastiCache is incorrect because it cannot route user traffic to the optimal endpoint. ElastiCache is primarily used to improve web applications' performance by allowing you to retrieve information from a fast, managed, in-memory system, instead of relying entirely on slower disk-based databases.

Amazon CloudFront is incorrect. Although CloudFront uses the AWS global network, this is best used for HTTP use cases and securing access over your endpoints. CloudFront uses Edge Locations to cache content while Global Accelerator uses Edge Locations to find an optimal pathway to the nearest regional endpoint. In addition, CloudFront is not capable of providing static Anycast IP addresses.

Amazon Route 53 is incorrect because it doesn't use a static Anycast IP address to minimize the latency for end-users. Route 53 is a highly available and scalable Domain Name System (DNS), domain name registration, and health-checking web services. Also, Route 53 is mainly used to

translate specific domain names into their corresponding IP addresses.

References:

https://aws.amazon.com/global-accelerator/

https://docs.aws.amazon.com/global-accelerator/latest/dg/what-is-global-accelerator.html

Check out this AWS Global Accelerator Cheat Sheet:

https://tutorialsdojo.com/aws-global-accelerator/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

6. QUESTION

Which of the following controls does the customer fully inherit from AWS based on the Shared Responsibility Model?

- Patch Management
- Awareness and Training
- Physical and Environmental Controls
- Configuration Management

Incorrect

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

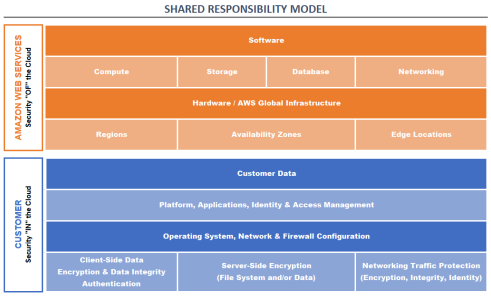
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS is responsible for protecting the infrastructure that runs all of the services offered in the AWS Cloud. This infrastructure is composed of the hardware, software, networking, and facilities that run AWS Cloud services. While the customer responsibility will be determined by the AWS Cloud services that a customer selects. This determines the amount of configuration work the customer must perform as part of their security responsibilities.



AWS handles all the physical and environmental controls on their data centers, network cables, servers, and other equipment. These controls are fully inherited by the customer.

Hence, the correct answer is: **Physical and Environmental Controls**

The option that says: **Awareness and Training** is incorrect because this responsibility is handled by the customer. AWS trains AWS employees, but a customer must train their own employees.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

The options that say: **Configuration Management** and **Patch Management** are incorrect because these responsibilities are shared between AWS and the customer. AWS configures and patches its infrastructure and managed services, such as Amazon RDS, while the customer is responsible for patching guest operating systems and client-side applications.

References:

https://aws.amazon.com/compliance/shared-responsibility-model/

https://docs.aws.amazon.com/whitepapers/latest/aw
security-incident-response-guide/shared-responsibility.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

7. QUESTION

A customer wants to further secure his network beyond security groups and network access control lists. Which of the services below can be used to provide the additional security features? (Select TWO.)

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

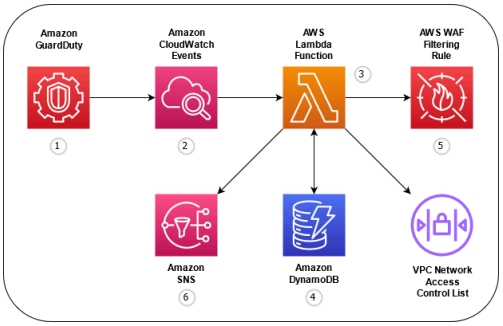
~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- [ ] AWS IAM Identity Center
- [ ] AWS WAF
- [x] AWS Key Management Service
- [ ] Amazon GuardDuty
- [x] AWS Identity and Access Management

Incorrect

Amazon GuardDuty is a threat detection service that continuously monitors for malicious activity and unauthorized behavior to protect your AWS accounts and workloads. GuardDuty analyzes tens of billions of events across multiple AWS data sources, such as AWS CloudTrail, Amazon VPC Flow Logs, and DNS logs. You obtain an intelligent and cost-effective option for continuous threat detection in the AWS Cloud.



100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

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. You can use AWS WAF to create custom rules that block common attack patterns, such as SQL injection or cross-site scripting, and rules that are designed for your specific application.

Hence, the correct answers are:

– Amazon GuardDuty

– AWS WAF

AWS Identity and Access Management is a service that helps you manage access to AWS resources, but it does not provide additional security features beyond security groups and network access control lists.

AWS IAM Identity Center is incorrect because it is not a service that can be used to provide additional security features beyond security groups and network access control lists.

AWS Key Management Service is incorrect because it does not offer any security features beyond those provided by security groups and network access control lists.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://aws.amazon.com/guardduty/

https://aws.amazon.com/waf/

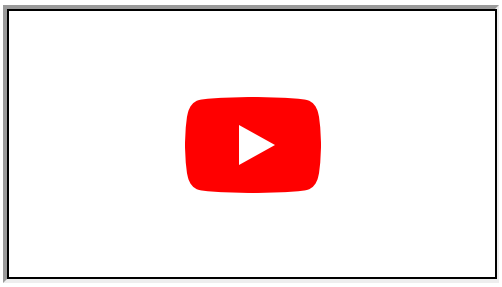
https://aws.amazon.com/blogs/security/how-to-use-amazon-guardduty-and-aws-web-application-firewall-to-automatically-block-suspicious-hosts/

Check out these Amazon GuardDuty and AWS WAF Cheat Sheets:

https://tutorialsdojo.com/amazon-guardduty/

https://tutorialsdojo.com/aws-waf/

AWS Security Services Overview – WAF, Shield, CloudHSM, KMS:



8. QUESTION

Which of the following AWS Cost Management features uses machine learning to continuously monitor costs and usage in order to detect unusual expenditures?

- AWS Cost Explorer

AWS Cost Anomaly Detection

AWS Cost Categories

AWS Budgets

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

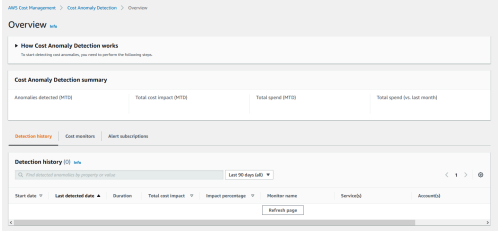
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

AWS Cost Anomaly Detection helps you detect and alert on any abnormal or sudden spend increases in your AWS account. This is possible by using machine learning to understand your spend patterns and trigger alert as they seem abnormal. It also allows you to segment your spend by different dimensions (AWS Services, Linked Accounts, Cost Allocation Tags, and Cost Categories). This segmentation allows Cost Anomaly Detection to detect more granular anomalies and customize alerting preferences.



Using AWS Cost Anomaly Detection has the following advantages:

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

– Receive individual alerts in aggregated reports via email or Amazon SNS topic.

– Use machine learning methods to evaluate your spending patterns in order to reduce false positive alerts.

– Investigate and identify the root cause of the anomaly, such as the AWS account, service, Region, or usage type that is causing the cost increase.

– Define how your costs will be calculated. Select whether to analyze all of your AWS services individually or by member accounts, cost allocation tags, or cost categories.

The detection of anomalies is based on data from Cost Explorer, which has a latency of up to 24 hours. Any monitor requires at least 10 days of historical usage data to detect anomalies.

Hence, the correct answer is: **AWS Cost Anomaly Detection.**

AWS Budgets is incorrect because this is mainly used to create custom budgets to track your costs and usage and to be notified via email or Amazon SNS when

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

actual or forecasted costs and usage exceed your budget threshold.

AWS Cost Explorer is incorrect because this is simply a tool that allows you to view and analyze your costs and usage for the last 12 months. This service is primarily used to identify areas that require further investigation and to identify trends that can be used to understand your costs.

AWS Cost Categories is incorrect because this only helps you organize cost and usage data into meaningful categories based on your requirements.

References:

https://aws.amazon.com/aws-cost-management/aws-cost-anomaly-detection/

https://docs.aws.amazon.com/cost-management/latest/userguide/getting-started-ad.html

https://docs.aws.amazon.com/wellarchitected/latest and-governance-guide/aws-cloud-financial-management-services-and-tools.html

Check out this AWS Billing and Cost Management Cheat Sheet:

https://tutorialsdojo.com/aws-billing-and-cost-management/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

9. QUESTION

A company plans to migrate its on-premises applications and workloads to AWS. It needs to digitally transform and accelerate its business outcomes by leveraging on AWS experience and best practices to improve business outcomes.

Which of the following can be used to accelerate the company's cloud-driven business transformation?

- AWS Managed Services
- AWS Cloud Adoption Framework
- AWS Professional Services
- AWS Control Tower

Correct

The AWS Cloud Adoption Framework (AWS CAF) is designed to assist organizations in achieving successful cloud transformations by leveraging AWS expertise and best practices. AWS CAF identifies specific capabilities that are critical to successful cloud adoption, providing guidance on how to improve cloud readiness.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

These capabilities are grouped into six perspectives: Business, People, Governance, Platform, Security, and Operations. Each perspective comprises a set of capabilities that are owned or managed by stakeholders involved in the cloud transformation journey. By utilizing AWS CAF, organizations can identify and prioritize opportunities for transformation, evaluate and enhance their cloud readiness, and iteratively refine their transformation roadmap.

Hence, the correct answer is: **AWS Cloud Adoption Framework.**

AWS Managed Services is incorrect because this service only provides ongoing infrastructure management services to assist customers in operating and optimizing their AWS environments.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Professional Services is incorrect because this is a service that provides consulting and advisory services to customers to assist them in designing, architecting, and optimizing their workloads on AWS. Although this service can help ensure that the migration strategy matches business objectives and achieves better business results, it may not provide the overall guidance and best practices the organization requires to embrace and transform with AWS successfully.

AWS Control Tower is incorrect because this service primarily helps organizations set up and govern a secure, multi-account AWS environment. It does not directly address the organization's goal of ensuring that the migration strategy aligns with business objectives and delivers improved business outcomes.

References:

https://aws.amazon.com/professional-services/CAF/

https://docs.aws.amazon.com/pdfs/whitepapers/late
aws-cloud-adoption-framework/overview-aws-cloud-adoption-framework.pdf

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

10. QUESTION

Which of the following AWS services can be used to turn text into a lifelike speech, allowing you to create applications that talk and run speech-enabled products?

- Amazon Alexa
- Amazon Transcribe
- Amazon Lex
- Amazon Polly

Incorrect

Amazon Polly is a cloud service that converts text into lifelike speech. You can use this service to develop applications that increase engagement and accessibility. Amazon Polly supports multiple languages and includes a variety of lifelike voices, so you can build speech-enabled applications that work in multiple locations and use the ideal voice for your customers. With Amazon

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

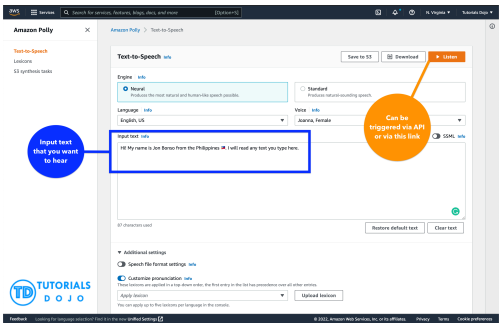
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Polly, you only pay for the text you synthesize. You can also cache and replay Amazon Polly's generated speech at no additional cost.

Additionally, Amazon Polly includes a number of Neural Text-to-Speech (NTTS) voices, delivering ground-breaking improvements in speech quality through a new machine learning approach, thereby offering to customers the most natural and human-like text-to-speech voices possible. Neural TTS technology also supports a Newscaster speaking style that is tailored to news narration use cases.



Common use cases for Amazon Polly include, but are not limited to, mobile applications such as newsreaders, games, eLearning platforms, accessibility applications for visually impaired people, and the rapidly growing segment of Internet of Things (IoT).

Hence, the correct answer is: **Amazon Polly.**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon Lex is incorrect because this service is a fully managed artificial intelligence (AI) service with advanced natural language models to design, build, test, and deploy conversational interfaces (e.g. chatbots) in applications. This service is not capable of turning text into speech.

Amazon Transcribe is incorrect because it actually does the opposite. This service turns speech into text and not the other way around. Amazon Transcribe is an automatic speech recognition (ASR) service that makes it easy for developers to add speech-to-text capability to their applications.

Amazon Alexa is incorrect because this is not an AWS service. Amazon Alexa is a cloud-based voice service available on hundreds of millions of devices from Amazon and third-party device manufacturers.

References:

https://docs.aws.amazon.com/polly/latest/dg/what-is.html

https://aws.amazon.com/polly/

Check out this Amazon Polly Cheat Sheet:

https://tutorialsdojo.com/amazon-polly

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

11. QUESTION

Which of the following should you set up in order to connect your AWS VPC network to your local network via an IPsec tunnel?

- A NAT gateway in your private subnet connected to your on-premises network
- A VPN gateway in your VPC connected to the Customer Gateway in your on-premises network
- VPC Peering connection between your on-premises network and VPC
- An on-premises NAT gateway device connected to your VPC's Internet Gateway

Incorrect

An **Amazon VPC VPN connection** links your data center (or network) to your Amazon Virtual Private Cloud (VPC). A *customer gateway* is an anchor on your side of that connection. It can be a physical or

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

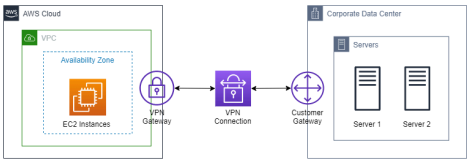
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

software appliance. The anchor on the AWS side of the VPN connection is called a *virtual private gateway*.



By default, instances that you launch into an Amazon VPC can't communicate with your own (remote) network. You can enable access to your remote network from your VPC by attaching a virtual private gateway to the VPC, creating a custom route table, updating your security group rules, creating an AWS Site-to-Site VPN (Site-to-Site VPN) connection, and configuring routing to pass traffic through the connection. Site-to-Site VPN supports Internet Protocol security (IPsec) VPN connections.

Hence, the correct answer is: **A VPN gateway in your VPC connected to the Customer Gateway in your on-premises network.**

The option that says: **VPC Peering connection between your on-premises network and VPC** is incorrect because VPC Peering connects two different VPCs for

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

inter-VPC communication. It does not connect your local network via IPsec VPN.

The option that says: **A NAT gateway in your private subnet connected to your on-premises network** is incorrect because a NAT Gateway is primarily used to allow EC2 instances launched in your private subnet to be able to connect to the public Internet, but disallows external servers to establish Internet connection to the VPC.

The option that says: **An on-premises NAT gateway device connected to your VPC's Internet Gateway** is incorrect because as mentioned above, a NAT Gateway is not a suitable service/network device to be used here.

References:

https://docs.aws.amazon.com/vpn/latest/s2svpn/VP

https://docs.aws.amazon.com/vpc/latest/adminguide

Check out this Amazon VPC Cheat Sheet:

https://tutorialsdojo.com/amazon-vpc/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

S3 Transfer Acceleration vs Direct Connect vs VPN vs Snowball Edge vs Snowmobile Comparison:

https://tutorialsdojo.com/s3-transfer-acceleration-vs-direct-connect-vs-vpn-vs-snowball-vs-snowmobile/

12. QUESTION

Due to a high number of visitors, many customers are timing out from your website which is running in an Auto Scaling group of EC2 instances behind an ELB. Upon checking, the Auto Scaling group has stopped adding new instances to your group.

Which of the following Trusted Advisor categories will give you more insight on this issue? (Select TWO.)

- [x] Service Limits
- [ ] Fault Tolerance
- [ ] Security
- [x] Performance
- [ ] Cost Optimization

Correct

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

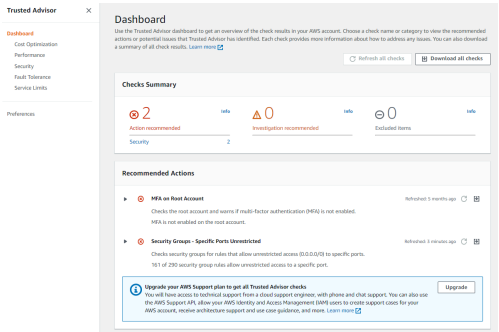
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Trusted Advisor is an online tool that provides you with real-time guidance to help you provision your resources following AWS best practices. It inspects your AWS environment and makes recommendations for saving money, improving system performance and reliability, or closing security gaps.

Whether establishing new workflows, developing applications, or as part of ongoing improvement, take advantage of the recommendations provided by Trusted Advisor on a regular basis to help keep your solutions provisioned optimally.



Trusted Advisor includes an ever-expanding list of checks in the following five categories:

> **Cost Optimization** – recommendations that can potentially save you money by highlighting unused resources and opportunities to reduce your bill.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Security – identification of security settings that could make your AWS solution less secure.

Fault Tolerance – recommendations to increase the availability and redundancy of your AWS applications.

Performance – recommendations that can help to improve the speed and responsiveness of your applications.

Service Limits – recommendations that will tell you when service usage is more than 80% of the service limit.

Since your instances are experiencing high usage, it is best to perform some performance checks and see if they are underprovisioned. Since auto-scaling instances are not adding new ones, you might have hit your limit on the number of instances for the region.

Hence, the correct answers are:

– Performance

– Service Limits

All other options are incorrect because the results in these categories won't help you

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

determine and address the issue.

– Cost optimization

– Security

– Fault Tolerance

References:

https://aws.amazon.com/premiumsupport/technolog
advisor/

https://aws.amazon.com/economics/

Check out this AWS Trusted Advisor Cheat Sheet:

https://tutorialsdojo.com/aws-trusted-advisor/

13. QUESTION

A startup plans to host an application to an Amazon EC2 instance. The VPC subnets have custom network ACLs to ensure that only authorized traffic is allowed to access the application.

Which of the following are features of network ACLs? (Select TWO.)

- [ ] NACLs can be associated with multiple instances.
- [ ] NACLs are stateless.
- [ ] NACLs allow inbound rules only.

- [ ] NACLs are stateful.
- [ ] NACLs allow both inbound and outbound rules.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

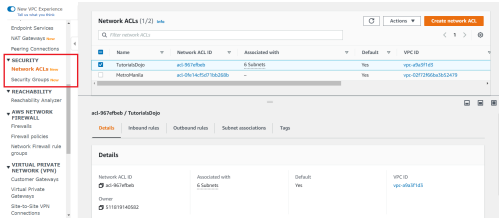
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

Amazon VPC lets you provision a logically isolated section of the Amazon Web Services (AWS) cloud where you can launch AWS resources in a virtual network that you define. You have complete control over your virtual networking environment, including the selection of your own IP address ranges, creation of subnets, and configuration of route tables and network gateways.



If you want to ensure that only authorized traffic enters your subnets, you can do so with Network ACLs (NACLs). You create a Network ACL that includes inbound and outbound rules that define what traffic is permitted into each subnet. In summary, the main distinction between Security Groups (SGs) and Network ACLs (NACLs) is that SGs are better suited for controlling traffic to

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

instances, whereas NACLs are better suited for controlling traffic to subnets. Security Groups and Network ACLs can be used in tandem to provide a comprehensive security solution for your VPC.

Hence, the correct answers are:

– NACLs are stateless.

– NACLs allow both inbound and outbound rules.

The following options are incorrect because these are features of security groups. It is a firewall for EC2 instances, while NACLs are associated with subnets.

– NACLs are stateful.

– NACLs allow inbound rules only.

– NACLs can be associated with multiple instances.

References:

https://docs.aws.amazon.com/vpc/latest/userguide/
network-acls.html

https://aws.amazon.com/vpc/faqs/

Check out this Amazon VPC Cheat Sheet:

https://tutorialsdojo.com/amazon-vpc/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Which of the following AWS services uses a global edge location? (Select TWO.)

- [ ] Amazon VPC
- [ ] AWS Direct Connect
- [x] Amazon Route 53
- [ ] AWS Transit Gateway
- [x] AWS Global Accelerator

Correct

AWS edge networking services transmit your user-facing data securely and with improved latency worldwide. By moving traffic off the internet and behind the defenses of the world's most secure cloud provider, you limit your exposure to attack by encrypting data, removing network hops, and controlling application access. Amazon CloudFront, AWS Global Accelerator, and Amazon Route 53 are networking services that are located at AWS' global edge locations and are linked by dedicated 100Gbps redundant fiber to deliver data with AWS network latency in the single digit millisecond range.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

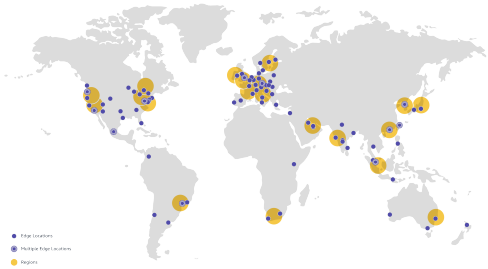
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



Amazon Route 53 is a highly available and scalable Domain Name System (DNS) web service used for domain registration, DNS routing, and health checking. Latency-Based Routing allows you to run applications across multiple AWS regions. Amazon Route 53 will route end users to the AWS region with the lowest latency, using dozens of edge locations around the world.

While **AWS Global Accelerator** improves TCP or UDP performance for a wide range of applications by proxying packets at the edge to applications running in one or more AWS Regions. Global Accelerator is well-suited for non-HTTP use cases such as gaming (UDP), IoT (MQTT), or Voice over IP, as well as HTTP use cases requiring static IP addresses or deterministic, fast regional failover.

Hence, the correct answers are:

– AWS Global Accelerator

– Amazon Route 53

The following services don't use global edge locations to distribute traffic as close to the point of

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

request.

– AWS Transit Gateway

– Amazon VPC

– AWS Direct Connect

References:

https://aws.amazon.com/products/networking/edge-networking/

https://aws.amazon.com/global-accelerator/features/

https://aws.amazon.com/route53/features/

Check out these AWS Global Accelerator and Amazon Route 53 Cheat Sheets:

https://tutorialsdojo.com/aws-global-accelerator/

https://tutorialsdojo.com/amazon-route-53/

15. QUESTION

Which of the following statements about the AWS IAM Credential Report is true?

- Only IAM Users can access the IAM Credential Report, which contains detailed information about IAM Users and Roles usage.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

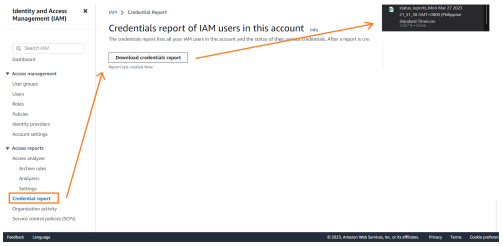
~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- The IAM Credential Report contains detailed information about IAM Users and Roles usage.
- The IAM Credential Report provides real-time information about AWS service utilization.
- The IAM Credential Report provides information about AWS service availability.

Correct

AWS Identity and Access Management (IAM) is a web service that manages AWS service access. IAM enables you to manage users, security credentials such as access keys, and permissions that govern which AWS resources users and applications can access from a single point.



The IAM Credential Report is a tool that provides detailed information about IAM users and their access credentials to AWS accounts. This credential report can be used to

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

ensure that all users' access credentials are valid and up to date and to track their account activity.

Hence the answer is: **The IAM Credential Report contains detailed information about IAM Users and Roles usage.**

The option that says: **The IAM Credential Report provides real-time information about AWS service usage** is incorrect because the IAM Credential Report is not a real-time tool for tracking AWS service consumption. It includes information about IAM users and their credentials only.

The option that says: **The IAM Credential Report provides information on AWS service availability** is incorrect because the IAM Credential Report does not provide information about the availability of AWS services. It focuses solely on the state of IAM users and their access credentials.

The option that says: **Only IAM Users can access the IAM Credential Report, which contains detailed information about IAM Users and Roles usage** is incorrect because all users with IAM permissions in the Amazon account, including IAM

Users, IAM Roles, and AWS Account owners, have access to the credentials report.

References:

https://docs.aws.amazon.com/IAM/latest/UserGuide
report.html

https://docs.aws.amazon.com/IAM/latest/UserGuide

Check out this AWS Identity and Access Management Cheat Sheet:

https://tutorialsdojo.com/aws-identity-and-access-management-iam/

16. QUESTION

Which of the following is an AWS hybrid storage service that allows you to connect your on-premises data storage to Amazon S3 and simplify storage management?

- AWS Direct Connect
- Amazon S3 Gateway Endpoint
- AWS Storage Gateway
- Internet Gateway

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

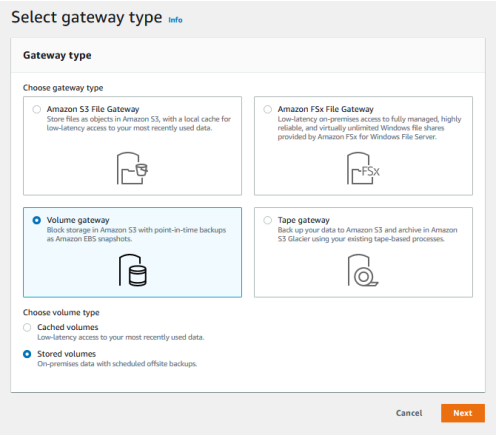
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

AWS Storage Gateway is a hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage in S3. Customers use Storage Gateway to simplify storage management and reduce costs for key hybrid cloud storage use cases. These include moving backups to the cloud, using on-premises file shares backed by cloud storage, and providing low latency access to data in AWS for on-premises applications.



Storage Gateway supports three key hybrid cloud use cases:

1. Move backups and archives to the cloud
2. Reduce on-premises storage with cloud-backed file shares
3. Provide on-premises applications low latency access to data stored in AWS.

Hence, the correct answer is: **AWS Storage Gateway.**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Direct Connect is incorrect because this does not simplify your management with S3 storage. It only establishes a dedicated connection between your on-premises data center and your AWS cloud resources.

Amazon S3 Gateway Endpoint is incorrect because this is just a VPC endpoint for Amazon S3 that enables AWS services in your VPC to use private IP addresses to access Amazon S3 with no exposure to the public Internet. Since you are asked to simplify storage management and connect your on-premises storage to S3, AWS Storage Gateway is the appropriate answer.

Internet Gateway is incorrect because this is basically a horizontally scaled, redundant, and highly available VPC component that allows communication between your VPC and the public Internet. It is not a hybrid cloud storage service, unlike AWS Storage Gateway.

References:

https://aws.amazon.com/storagegateway/

https://docs.aws.amazon.com/storagegateway/latest

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Check out this AWS Storage Gateway Cheat Sheet:

https://tutorialsdojo.com/aws-storage-gateway/

17. QUESTION

A company plans to set up a private connection in Amazon VPC to distribute traffic to a fleet of virtual appliances in AWS.

Which of the following AWS services satisfy this requirement?

- AWS Direct Connect
- AWS PrivateLink
- AWS Transit Gateway
- AWS Config

Correct

AWS PrivateLink is a highly available, scalable technology that lets you privately connect your VPC to services as if they were in your VPC. You do not need to use an internet gateway, NAT device, public IP address, AWS Direct Connect connection, or AWS Site-to-Site VPN connection to allow communication with the service from your private subnets.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

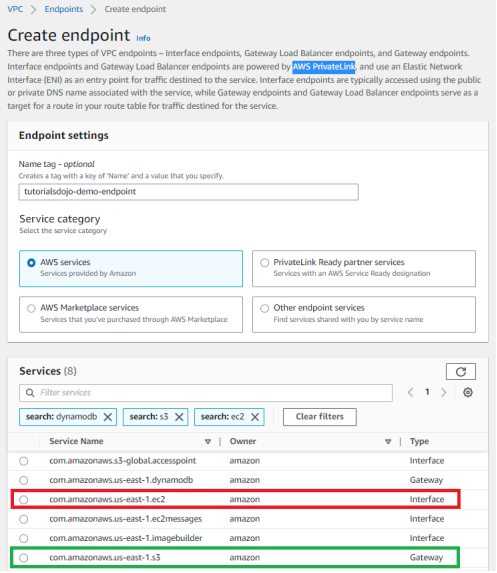
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Therefore, you control the specific API endpoints, sites, and services that are reachable from your VPC.



As you can also see in the image above, there are multiple types of endpoints:

1. **Interface** – sends traffic to endpoint services that use a Network Load Balancer to distribute traffic.

2. **Gateway** – sends traffic to Amazon S3 or DynamoDB using private IP addresses.

3. **Gateway Load Balancer (GWLB)** – sends traffic to a fleet of virtual appliances using private IP addresses.

In this scenario, you must create a private connection between your Amazon VPC and AWS resources. Since the distribution of traffic to a fleet of virtual appliances is the main requirement, you can create

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

a GLWB endpoint and route the traffic from your VPC using route tables.

Hence, the correct answer is: **AWS PrivateLink.**

AWS Direct Connect is incorrect because this is a service to set up a dedicated connection between AWS and on-premises. For this scenario, you don't need to create a hybrid environment to distribute traffic to AWS resources.

AWS Transit Gateway is incorrect because this just connects your Amazon VPCs and on-premises networks through a central hub. It acts as a Regional virtual router for traffic and scales elastically based on the volume of network traffic.

AWS Config is incorrect because this service is mainly used to evaluate the configuration settings of your AWS resources. You can't use AWS Config to create interface and gateway endpoints.

References:

https://docs.aws.amazon.com/vpc/latest/privatelink/is-privatelink.html

https://aws.amazon.com/blogs/aws/introducing-aws-gateway-load-balancer-easy-deployment-scalability-and-high-availability-for-partner-appliances/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Check out this Amazon VPC Cheat Sheet:

https://tutorialsdojo.com/amazon-vpc/

18. QUESTION

Which of the following services protects your web applications from application-layer attacks such as SQL injection and cross-site scripting?

- Network Access Control List
- AWS Shield
- Security Group
- AWS WAF

Correct

AWS Web Application Firewall (WAF) gives you control over how traffic reaches your applications by enabling you to create security rules that block common attack patterns, such as SQL injection or cross-site scripting, and rules that filter out specific traffic patterns you define. You can get started quickly using Managed Rules for

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

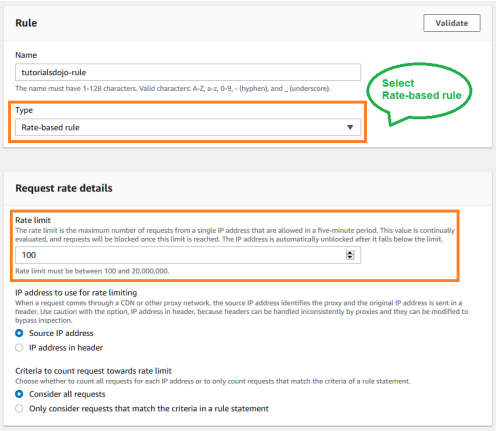
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS WAF, a pre-configured set of rules managed by AWS or AWS Marketplace Sellers.



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

Hence, the correct answer is **AWS WAF.**

Network Access Control List is incorrect because this is just a security layer for your VPC that acts as a firewall for controlling traffic in and out of one or more subnets. This cannot protect you from SQL injection and cross-site scripting.

Security Group is incorrect because this simply acts as a virtual firewall for your instance to control inbound and outbound traffic. You attach it to an instance and the traffic allowed is

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

controlled via security group rules. This is not related to application-layer attacks.

AWS Shield is incorrect since this is not a suitable service to protect your web applications from common web exploits. AWS Shield is a managed DDoS protection service that safeguards applications running on AWS.

References:

https://aws.amazon.com/waf

https://docs.aws.amazon.com/waf/latest/developerg chapter.html

Check out this AWS WAF Cheat Sheet:

https://tutorialsdojo.com/aws-waf/

19. QUESTION

Which of the following are the things that Amazon CloudWatch Logs can accomplish? (Select TWO.)

- [ ] Adjust the retention policy for each log group.
- [ ] Monitor application logs from Amazon EC2 Instances.
- [ ] Create alarms that automatically stop,

terminate, reboot, or recover your EC2 instances.

Record AWS Management Console actions and API calls.

Store your log data at absolutely no charge.

Incorrect

You can use Amazon CloudWatch Logs to monitor, store, and access your log files from Amazon Elastic Compute Cloud (Amazon EC2) instances, AWS CloudTrail, Route 53, and other sources.

CloudWatch Logs enables you to centralize the logs from all of your systems, applications, and AWS services that you use, in a single, highly scalable service. You can then easily view them, search them for specific error codes or patterns, filter them based on specific fields, or archive them securely for future analysis. CloudWatch Logs enables you to see all of your logs, regardless of their source, as a single and consistent flow of events ordered by time, and you can query them and sort them based on other dimensions, group them by

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

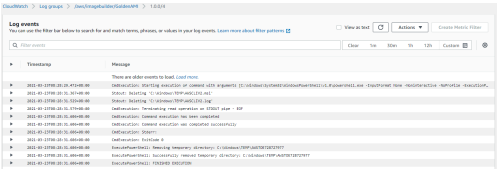
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

specific fields, create custom computations with a powerful query language, and visualize log data in dashboards.



This service has the following features:

Monitor Logs from Amazon EC2 Instances – You can use CloudWatch Logs to monitor applications and systems using log data. For example, CloudWatch Logs can track the number of errors that occur in your application logs and send you a notification whenever the rate of errors exceeds a threshold you specify. CloudWatch Logs uses your log data for monitoring; so, no code changes are required. For example, you can monitor application logs for specific literal terms (such as "NullReferenceException") or count the number of occurrences of a literal term at a particular position in log data (such as "404" status codes in an Apache access log). When the term you are searching for is found, CloudWatch Logs reports the

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

data to a CloudWatch metric that you specify. Log data is encrypted while in transit and while it is at rest.

Monitor AWS CloudTrail Logged Events – You can create alarms in CloudWatch and receive notifications of particular API activity as captured by CloudTrail and use the notification to perform troubleshooting.

Log Retention – By default, logs are kept indefinitely and never expire. You can adjust the retention policy for each log group, keeping the indefinite retention, or choosing retention periods between 10 years and one day.

Archive Log Data – You can use CloudWatch Logs to store your log data in highly durable storage. The CloudWatch Logs agent makes it easy to quickly send both rotated and non-rotated log data off of a host and into the log service. You can then access the raw log data when you need it.

Log Route 53 DNS Queries – You can use CloudWatch Logs to log information about the DNS queries that Route 53 receives.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Hence, the correct answers are:

– monitor application logs from Amazon EC2 Instances

– adjust the retention policy for each log group.

The option that says: **record AWS Management Console actions and API calls** is incorrect because this refers to CloudTrail and not CloudWatch Logs.

The option that says: **create alarms that automatically stop, terminate, reboot, or recover your EC2 instances** is incorrect because this is actually a task that can be accomplished by CloudWatch Alarms.

The option that says: **store your log data at absolutely no charge** is incorrect because this service is not entirely free and you still have to pay for your usage.

References:

https://docs.aws.amazon.com/AmazonCloudWatch/l

https://aws.amazon.com/cloudwatch/faqs/#Log_mor

Check out this Amazon CloudWatch Cheat Sheet:

https://tutorialsdojo.com/amazon-cloudwatch/

20. QUESTION

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Which of the following options helps cloud architects build secure, high-performing, resilient, and efficient infrastructure for their applications based on the six pillars?

- AWS Security Hub
- AWS Serverless Application Model
- AWS Cloud Adoption Framework
- AWS Well-Architected Framework

Correct

The **Well-Architected Framework** has been developed to help cloud architects build secure, high-performing, resilient, and efficient infrastructure for their applications. This is based on five pillars, namely:

1. Operational Excellence
2. Security
3. Reliability
4. Performance Efficiency
5. Cost Optimization
6. Sustainability

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

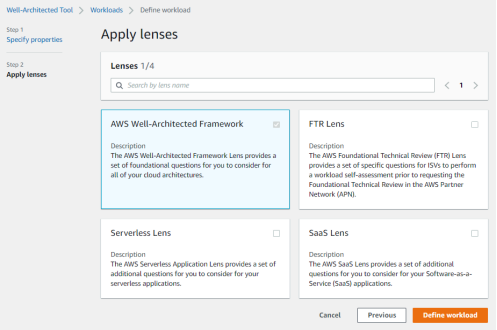
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

This framework provides a consistent approach for customers and partners to evaluate architectures and implement designs that will scale over time.

The AWS Well-Architected Framework helps you understand the pros and cons of the decisions you make while building systems on AWS. By using this Framework, you will learn architectural best practices for designing and operating reliable, secure, efficient, and cost-effective systems in the cloud. It provides a way for you to consistently measure your architectures against best practices and identify areas for improvement. The process for reviewing architecture is a constructive conversation about architectural decisions and is not an audit mechanism. Having well-architected systems greatly increases the likelihood of business success.



AWS Solutions Architects have years of experience architecting solutions across a wide variety of business verticals and use cases.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

We have helped design and review thousands of customers' architectures on AWS. From this experience, AWS has identified best practices and core strategies for architecting systems in the cloud that you can also implement.

You can also use the AWS Well-Architected Tool, which helps you review the state of your workloads and compares them to the latest AWS architectural best practices. The tool is based on the AWS Well-Architected Framework, developed to help cloud architects build secure, high-performing, resilient, and efficient application infrastructure.

Hence, the correct answer is: **AWS Well-Architected Framework.**

AWS Security Hub is incorrect because this is just a service that performs security best practice checks, aggregates alerts, and enables automated remediation. You can't use this service to assess the state of your workload and compare it to AWS architectural best practices.

AWS Serverless Application Model is incorrect because this is just an open-source framework that you can use to build serverless applications on AWS.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Cloud Adoption Framework is incorrect because this is primarily used to help organizations design and travel an accelerated path to successful cloud adoption. AWS Professional Services created the AWS Cloud Adoption Framework (AWS CAF), which can help you build a comprehensive approach to cloud computing across your organization, and throughout your IT lifecycle.

References:

https://docs.aws.amazon.com/wellarchitected/latest

https://aws.amazon.com/architecture/well-architected/

Check out this AWS Well-Architected Framework – Six Pillars Cheat Sheet:

https://tutorialsdojo.com/aws-well-architected-framework-five-pillars

21. QUESTION

Which service will allow you to group together users who perform a similar function and apply function-specific privileges?

- Tagging

Resource Groups

Directory Service

AWS IAM

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

AWS Identity and Access Management (IAM) is a web service that helps you securely control access to AWS resources. You use IAM to control who is authenticated (signed in) and authorized (has permissions) to use resources. IAM has various identities such as IAM Users, IAM Groups, and IAM Roles.

An IAM group is a collection of IAM users. Groups let you specify permissions for multiple users, which can make it easier to manage the permissions for those users. For example, you could have a group called *Admins* and give that group the types of permissions that administrators typically need. Any user in that group automatically has the permissions that are assigned to the group. If a new user joins your organization and needs administrator privileges, you can assign the appropriate permissions by adding the user to that group. Similarly, if a person changes jobs

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

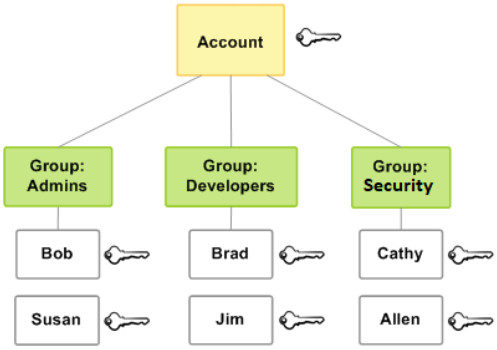
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

in your organization, instead of editing that user's permissions, you can remove him or her from the old groups and add him or her to the appropriate new groups.



Note that a group is not truly an "identity" in IAM because it cannot be identified as a `Principal` in a permission policy. It is simply a way to attach policies to multiple users at one time.

Hence, the correct answer is: **AWS IAM.**

Resource group is incorrect since it is used to organize your AWS resources.

Tagging is incorrect as well since it has no capability to perform what is asked in the scenario.

AWS Directory Service is incorrect. AWS Directory Service provides multiple ways to use Amazon Cloud Directory and Microsoft Active Directory (AD) with other AWS services.

References:

https://docs.aws.amazon.com/IAM/latest/UserGuide

https://docs.aws.amazon.com/IAM/latest/UserGuide

100% Complete
Last activity on August 16, 2023

Check out this AWS Identity and Access Management (IAM) Cheat Sheet:

https://tutorialsdojo.com/aws-identity-and-access-management-iam/

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

22. QUESTION

Which of the following advantages of cloud computing describes the continual price reduction of AWS services?

- Trade capital expense for variable expense
- Stop spending money running and maintaining data centers
- Benefit from massive economies of scale
- Stop guessing capacity

Correct

Cloud computing is the on-demand delivery of compute power, database storage, applications, and other IT

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

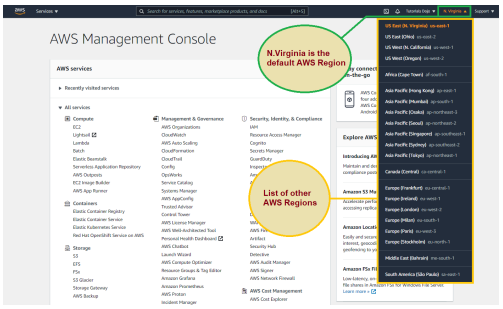
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

resources through a cloud services platform via the Internet with pay-as-you-go pricing. Whether you are running applications that share photos to millions of mobile users or supporting your business's critical operations, a cloud services platform provides rapid access to flexible and low-cost IT resources.



One of the benefits of using cloud computing is achieving a lower variable cost than you can get on your own. Because usage from hundreds of thousands of customers is aggregated in the cloud, providers such as AWS can achieve higher economies of scale, which translates into lower pay-as-you-go prices.

Hence, the correct answer is: **Benefit from massive economies of scale.**

The option that says: **Stop guessing capacity** is incorrect. This option only allows you to access as much or as little capacity as you need in AWS, and scale up and down as required with only a few minutes' notice.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

The option that says: **Stop spending money running and maintaining data centers** is incorrect. This option allows you to focus on projects that differentiate your business, not the infrastructure. It is not the appropriate advantage that describes the continual price reduction of AWS services.

The option that says: **Trade capital expense for variable expense** is incorrect. Instead of having to invest heavily in data centers and servers before you know how you're going to use them, you can pay only when you consume computing resources, and pay only for how much you consume. Also, this option does not translate into lower pay-as-you-go prices.

References:

https://docs.aws.amazon.com/whitepapers/latest/aw
overview/six-advantages-of-cloud-computing.html

https://aws.amazon.com/what-is-cloud-computing/

Introduction to Cloud Computing:

https://tutorialsdojo.com/introduction-to-cloud-computing-2/

23. QUESTION

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Which of the following AWS service can help you automate and simplify the process of transferring data between on-premises storage systems and AWS storage services?

- AWS Storage Gateway
- AWS Direct Connect
- AWS DataSync
- AWS Transfer Family

Correct

AWS DataSync is a service that eliminates the laborious task of manually transferring large datasets between on-premises storage systems and AWS storage services. With the help of DataSync, you can quickly move large amounts of data across the file system, object storage, Amazon S3, Amazon EFS, and Amazon FSx for Windows file servers. Furthermore, many operations are carried out automatically by AWS Datasync, including scripting copy jobs, scheduling and monitoring transfers, verifying data, and optimizing network utilization.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS DataSync is an online data migration and discovery service that streamlines data migration and enables you to move your files or object data quickly and easily from AWS storage services to AWS storage services. It also provides end-to-end security, including encryption and integrity verification, and helps ensure that your data arrives safe, intact, and ready to be used.

Hence the correct answer is: **AWS DataSync.**

AWS Storage Gateway is incorrect because this hybrid cloud storage service allows you to safely and smoothly integrate your on-premises applications with AWS storage services. It offers features such as file sharing, backup and restoration, and disaster recovery.

AWS Direct Connect is incorrect because this service is a dedicated network connection that allows you to establish a private and high-speed connection between your on-premises environment and AWS. It provides consistent network performance, reduces

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

network costs, and improves data privacy compared to internet-based connections.

AWS Transfer Family is incorrect because this service allows your files to be transferred through secure file transfer protocols (SFTP), FTPS (FTP over SSL/TLS), and FTP(unencrypted). It simplifies the safe transfer of data to and from AmazonS3, Amazon EFS, and Amazon SFTP servers. Although it provides secure file transfer functionality, it is not intended for large-scale data migration from on-premises to AWS storage systems.

References:

https://docs.aws.amazon.com/datasync/latest/userg is-datasync.html

https://aws.amazon.com/datasync/

Check out this AWS DataSync Cheat Sheet:

https://tutorialsdojo.com/aws-datasync

24. QUESTION

Which of the following is an advantage of using managed services like RDS, ElastiCache, and CloudSearch in AWS?

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- Better performance than customer-managed services such as EC2 instances
- Simplifies all of your OS patching and backup activities to help keep your resources current and secure
- Automatically scales the capacity without any customer intervention
- Frees up the customer from the task of choosing and optimizing the underlying instance type and size of the service

Correct

Amazon Relational Database Service (Amazon RDS) makes it easy to set up, operate, and scale a relational database in the cloud. It provides cost-efficient and resizable capacity while automating time-consuming administration tasks such as hardware provisioning, database setup, patching and backups. It frees you to focus on your applications so you can give them

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

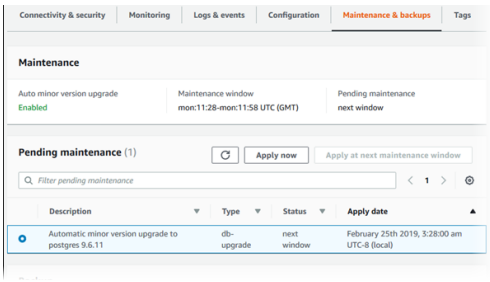
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

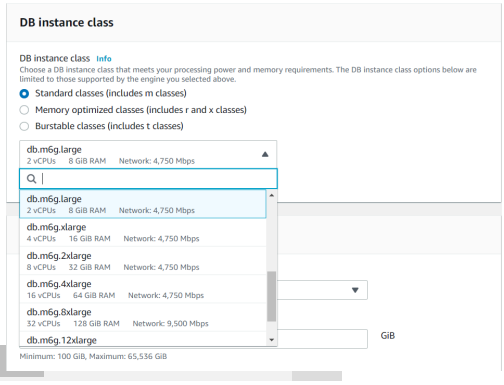
~~Additional Resources for the AWS Certifi~~...

the fast performance, high availability, security and compatibility they need.

Periodically, Amazon RDS performs maintenance on Amazon RDS resources. Maintenance most often involves updates to the DB instance's underlying hardware, underlying operating system (OS), or database engine version. Updates to the operating system most often occur for security issues and should be done as soon as possible.



For better performance, you can upgrade and customize the underlying instance type of your Amazon RDS instance. The same goes for other managed services like Amazon ElastiCache and Amazon Cloudsearch. You can select the right instance class, type and size based on your use case as shown below:



100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon ElastiCache offers fully managed Redis and Memcached. Seamlessly deploy, run, and scale popular open source compatible in-memory data stores. Build data-intensive apps or improve the performance of your existing apps by retrieving data from high throughput and low latency in-memory data stores. Amazon ElastiCache is a popular choice for Gaming, Ad-Tech, Financial Services, Healthcare, and IoT apps You no longer need to perform management tasks such as hardware provisioning, software patching, setup, configuration, monitoring, failure recovery, and backups. ElastiCache continuously monitors your clusters to keep your workloads up and running so that you can focus on higher-value application development.

Amazon CloudSearch is a managed service in the AWS Cloud that makes it simple and cost-effective to set up, manage, and scale a search solution for your website or application. Amazon CloudSearch is a fully managed custom search service. Hardware and software provisioning, setup and configuration, software patching, data partitioning, node monitoring, scaling, and data durability are handled for you.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~	1 Topic
~~Practice Exams – Review Mode~~	1 Topic
~~Practice Exams – Section-Based~~	1 Topic
~~Final Test~~	1 Topic
~~BONUS SECTION – FLASHCAR~~...	2 Topics
~~Additional Resources for the AWS Certifi~~...	

Hence, the advantage of using managed services like RDS, ElastiCache, and CloudSearch in AWS is it **simplifies all of your OS patching and backup activities to help keep your resources current and secure**.

The option that says: **Frees up the customer from the task of choosing and optimizing the underlying instance type and size of the service** is incorrect because customers can still choose and optimize the underlying instance being used for their RDS, ElastiCache, and CloudSearch service.

The option that says: **Automatically scales the capacity without any customer intervention** is incorrect because you are still responsible to scale your managed service by optimizing the underlying instance size and type. These AWS services will not automatically scale by default.

The option that says: **Better performance than customer-managed services such as EC2 instances** is incorrect because this is not always the case for AWS-managed services. In fact, it is possible that the customer-managed services can outperform

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

the AWS-managed services based upon the class, type or size of EC2 instance being used.

References:

https://docs.aws.amazon.com/AmazonRDS/latest/Us

https://d1.awsstatic.com/whitepapers/aws-overview.pdf

Check out these AWS Cheat Sheets:

https://tutorialsdojo.com/amazon-relational-database-service-amazon-rds/

https://tutorialsdojo.com/amazon-elasticache/

https://tutorialsdojo.com/amazon-cloudsearch/

25. QUESTION

A company is migrating to the AWS cloud and wants to ensure a smooth transition that considers the impact on employees.

Which perspective of the AWS Cloud Adoption Framework (AWS CAF) establishes a connection between technology and business while prioritizing the workforce's needs?

- People Perspective

Security Perspective

Governance Perspective

Operations Perspective

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

People perspective serves as a bridge between technology and business, accelerating the cloud journey to help organizations more rapidly evolve to a culture of continuous growth, learning, and where change becomes business-as-normal, with a focus on culture, organizational structure, leadership, and workforce.

Hence, the correct answer is: **People Perspective**

Security Perspective is incorrect. This perspective primarily centers on data and workload security. It does not directly address the

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

impact on employees or prioritize their needs during the migration process.

Governance Perspective is incorrect because this focuses on orchestrating cloud initiatives, maximizing benefits, and minimizing risks.

Operations Perspective is incorrect because this simply highlights delivering cloud services that meet business needs, involving stakeholders such as infrastructure and operations leaders.

References:

https://aws.amazon.com/cloud-adoption-framework/

https://docs.aws.amazon.com/whitepapers/latest/ov aws-cloud-adoption-framework/welcome.html

26. QUESTION

A customer wants to send push notifications to her mobile users whenever a new patch comes out. What service is the most appropriate for this task?

- Amazon SQS
- Amazon SNS

Amazon SES

AWS Application Migration Service

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

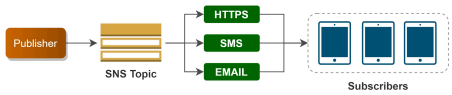
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

Amazon Simple Notification Service (SNS) is a highly available, durable, secure, fully managed pub/sub messaging service that enables you to decouple microservices, distributed systems, and serverless applications. Amazon SNS provides topics for high-throughput, push-based, many-to-many messaging. Using Amazon SNS topics, your publisher systems can fan-out messages to a large number of subscriber endpoints for parallel processing, including Amazon SQS queues, AWS Lambda functions, and HTTP/S webhooks. Additionally, SNS can be used to fan out notifications to end users using mobile push, SMS, and email.



Amazon SNS uses cross availability zone message storage to provide high message durability. Running within Amazon's proven network infrastructure and data

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

centers, Amazon SNS topics are available whenever your applications need them. All messages published to Amazon SNS are stored redundantly across multiple geographically separated servers and data centers. Amazon SNS reliably delivers messages to all valid AWS endpoints, such as Amazon SQS queues and AWS Lambda functions.

Amazon SNS enables message filtering and fanout to a large number of subscribers, including serverless functions, queues, and distributed systems. Additionally, Amazon SNS fans out notifications to end users via mobile push messages, SMS, and email.

Hence, the correct answer is: **Amazon SNS.**

Amazon SES is incorrect because this is an emailing service. It cannot send push notifications to mobile users.

Amazon SQS is incorrect since this is a poll-type messaging service. Also, you cannot send push notifications to a mobile number using Amazon SQS.

AWS Application Migration Service is incorrect because this is simply an agentless service that

makes it easier and faster for you to migrate thousands of on-premises workloads to AWS.

References:

https://aws.amazon.com/sns

https://docs.aws.amazon.com/sns/latest/dg/welcom

Check out this Amazon SNS Cheat Sheet:

https://tutorialsdojo.com/amazon-sns/

27. QUESTION

An organization hosted its application on multiple Amazon EC2 instances. To determine whether traffic reaches the instances, they need to capture IP traffic to and from network interfaces.

Which of the following services should they use?

- Amazon Inspector
- VPC Flow Logs
- Interface VPC Endpoint
- Amazon Athena

Correct

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

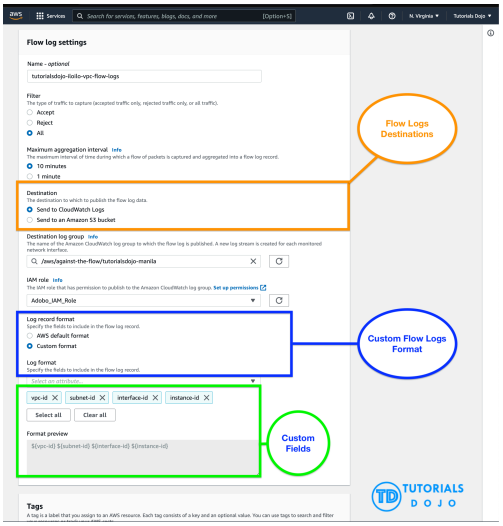
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon VPC lets you provision a logically isolated section of the Amazon Web Services (AWS) cloud where you can launch AWS resources in a virtual network you define. You have complete control over your virtual networking environment, including a selection of your own IP address ranges, creation of subnets, and configuration of route tables and network gateways. You can also create a hardware Virtual Private Network (VPN) connection between your corporate data center and your VPC and leverage the AWS cloud as an extension of your corporate data center.



The requirement for this scenario is to collect traffic information from network interfaces. In Amazon VPC, there's a tool called **VPC Flow Logs** that helps you understand and track traffic to and from your VPC, a subnet, or a network interface. Also, VPC Flow Logs aren't updated in real time.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

It's a best practice to use flow logs for analysis and troubleshooting only.

Hence, the correct answer is: **VPC Flow Logs.**

Interface VPC Endpoint is incorrect because this just creates a private connection between a VPC and supported AWS services. There's also a gateway endpoint to provide a reliable connection to Amazon S3 and DynamoDB.

Amazon Athena is incorrect because this is a querying service that can analyze data directly to Amazon S3 using standard SQL.

Amazon Inspector is incorrect because this service only scans software vulnerabilities and unintended network exposure. It doesn't have a feature to collect IP traffic from VPC, subnets and network interfaces.

References:

https://docs.aws.amazon.com/vpc/latest/userguide/f
logs.html

https://aws.amazon.com/premiumsupport/knowledg
center/set-up-vpc-flow-logs/

Check out this Amazon VPC Cheat Sheet:

https://tutorialsdojo.com/amazon-vpc/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

28. QUESTION

A company is looking for a cloud computing solution for its business requirements, requiring a computing instance with no long-term commitment. Which of the following cloud computing options would be most suitable?

- On-Demand Instances only
- Dedicated Hosts only
- On-Demand Instances and Reserved Instances
- Dedicated Hosts and Reserved Instances

Correct

On-Demand Instances do not require any long-term commitment from the user and offer the ability to pay for computing capacity per-second basis. As a user, you have complete control over the instance's lifecycle, including the ability to launch, stop, hibernate, start, reboot, or terminate it according to your requirements.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

The billing for On-Demand Instances starts from a minimum of 60 seconds.

Viewing 560 of 560 available instances

1 2 3 4 5 6 7 ... 28

Instance name	On-Demand hourly rate	vCPU	Memory	Storage	Network performance
a1.medium	$0.0255	1	2 GiB	EBS Only	Up to 10 Gigabit
a1.large	$0.051	2	4 GiB	EBS Only	Up to 10 Gigabit
a1.xlarge	$0.102	4	8 GiB	EBS Only	Up to 10 Gigabit
a1.2xlarge	$0.204	8	16 GiB	EBS Only	Up to 10 Gigabit
a1.4xlarge	$0.408	16	32 GiB	EBS Only	Up to 10 Gigabit
a1.metal	$0.408	16	32 GiB	EBS Only	Up to 10 Gigabit
t4g.nano	$0.0042	2	0.5 GiB	EBS Only	Up to 5 Gigabit
t4g.micro	$0.0084	2	1 GiB	EBS Only	Up to 5 Gigabit

You will be charged for each instance-hour consumed for every instance, starting from when it is launched and ending when it is stopped or terminated. For Linux, Windows, Windows with SQL Enterprise, Windows with SQL Standard, and Windows with SQL Web Instances, partial instance-hours consumed will be billed per second, while for all other instance types, they will be billed as a full hour.

Hence, the correct answer is: **On-Demand Instances only.**

Dedicated Hosts is incorrect because it provides physical servers dedicated to a single customer and offers long-term commitments in terms of hours or months. They are not a suitable option for a company that requires a cloud computing solution with no long-term commitment.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Reserved Instances is incorrect because it requires customers to make a long-term commitment (typically 1-3 years) to a specific instance type in exchange for a significant discount on the hourly usage rate.

References:

https://docs.aws.amazon.com/AWSEC2/latest/UserG
on-demand-instances.html

https://aws.amazon.com/ec2/pricing/on-demand/

Check out this Amazon EC2 Cheat Sheet:

https://tutorialsdojo.com/amazon-elastic-compute-cloud-amazon-ec2/

29. QUESTION

A company plans to use an application streaming service to give its employees instant access to their desktop applications from any device.

Which of the following services fulfills this requirement?

- AWS AppSync
- Amazon Kinesis Data Streams

Amazon WorkSpaces

Amazon AppStream 2.0

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

Amazon AppStream 2.0 is a fully managed application streaming service that provides users with instant access to their desktop applications from anywhere. AppStream 2.0 manages the AWS resources required to host and run your applications, scales automatically, and provides access to your users on demand. AppStream 2.0 provides users access to the applications they need on the device of their choice, with a responsive, fluid user experience that is indistinguishable from natively installed applications.

Amazon AppStream 2.0 provides the following advantages:

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

– Access desktop applications securely from any supported device

– Secure applications and data

– Consistent, scalable performance

– Integrate with your IT environment

– Choose the fleet type that meets your needs

In this scenario, the requirement is to provide instant access to the company's desktop applications from any device using an application streaming service in AWS. With AppStream 2.0, you can easily add existing desktop applications to AWS and let other users stream them instantly.

Hence, the correct answer is: **Amazon AppStream 2.0.**

Amazon Kinesis Data Streams is incorrect because this service is used to collect streaming data for real-time analytics.

AWS AppSync is incorrect because this service does not have the capability to add existing desktop applications to AWS and provide access to your users on demand. AWS AppSync is mainly used to develop GraphQL APIs.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon WorkSpaces is incorrect because the requirement for this scenario is to provide instant access to existing desktop applications, not provide desktop environments.

References:

https://docs.aws.amazon.com/appstream2/latest/de
is-appstream.html

https://aws.amazon.com/appstream2/faqs/

https://docs.aws.amazon.com/whitepapers/latest/aw
overview/desktop-app-streaming-services.html

Check out these AWS Cheat Sheets:

https://tutorialsdojo.com/aws-cheat-sheets/

30. QUESTION

Which of the following services offers you the same AWS hardware infrastructure, services, APIs, and tools to build and run your applications on-premises and in the cloud?

- AWS Outposts
- AWS Lambda
- AWS Wavelength

AWS Organizations

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

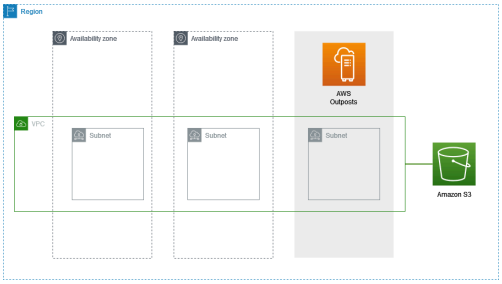
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

AWS Outposts is a fully managed service that extends AWS infrastructure, AWS services, APIs, and tools to virtually any data center, co-location space, or on-premises facility for a truly consistent hybrid experience. AWS Outposts is ideal for workloads that require low latency access to on-premises systems, local data processing, or local data storage.



AWS Outposts offers you the same AWS hardware infrastructure, services, APIs, and tools to build and run your applications on-premises and in the cloud for a truly consistent hybrid experience.

Hence, the correct answer is: **AWS Outposts.**

AWS Organizations is incorrect because this is just an account management service that enables you to consolidate multiple AWS accounts into an organization that you create and centrally manage.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

This service is not suitable for running AWS infrastructure and services on-premises.

AWS Wavelength is incorrect because this is not a service for hybrid infrastructure. Wavelength only brings AWS services to the edge of the 5G network, minimizing the latency to connect to an application from a mobile device.

AWS Lambda is incorrect because this is simply an event-driven, serverless computing platform. It helps you run code without managing any servers or clusters.

References:

https://aws.amazon.com/outposts/

https://docs.aws.amazon.com/outposts/latest/userguide-outposts.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

31. QUESTION

Which service should you use if there is a need to launch a customized self-hosted database which requires a scheduled shutdown every night to save on cost?

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

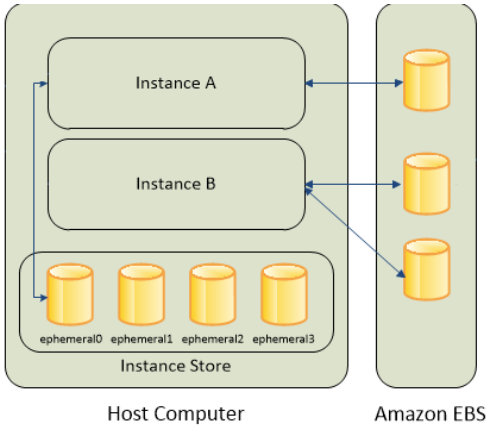
~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- Amazon Redshift
- Amazon EC2 instance with an Instance Store volume
- Amazon DynamoDB
- Amazon EC2 instance with an EBS volume

Incorrect

Amazon EBS provides durable, block-level storage volumes that you can attach to a running instance. You can use Amazon EBS as a primary storage device for data that requires frequent and granular updates. For example, Amazon EBS is the recommended storage option when you run a database on an instance.



An EBS volume behaves like a raw, unformatted, external block device that you can attach to a single instance. The volume persists independently from the running life

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

of an instance. After an EBS volume is attached to an instance, you can use it like any other physical hard drive. As illustrated in the figure, multiple volumes can be attached to an instance. You can also detach an EBS volume from one instance and attach it to another instance. You can dynamically change the configuration of a volume attached to an instance. EBS volumes can also be created as encrypted volumes using the Amazon EBS encryption feature.

Hence, the correct answer for this scenario is **Amazon EC2 instance with an EBS volume**.

Amazon DynamoDB is incorrect because this is a non-relational database service that is fully-managed by AWS. This means that you have no control over its underlying server.

Amazon EC2 instance with an Instance Store volume is incorrect because if you use this for your self-hosted database, all of your data will be lost after you shut down the instance. You have to use an EBS Volume instead in order to persist the data for the scheduled nightly shutdown.

Amazon Redshift is incorrect because just like Amazon DynamoDB, you don't have control

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

over its underlying server and hence, you won't be able to schedule a nightly shutdown. This is a fully managed, petabyte-scale data warehouse service in the cloud.

References:

https://docs.aws.amazon.com/AWSEC2/latest/UserG

https://docs.aws.amazon.com/AWSEC2/latest/UserG

Check out this Amazon EBS Cheat Sheet:

https://tutorialsdojo.com/amazon-ebs/

32. QUESTION

A MariaDB RDS database is known to have high memory consumption during peak hours which deteriorates the overall performance of your application. What cost-effective change can you introduce to resolve this issue if the database is handling write-intensive operations?

- Add read replicas to lessen the burden of read operations
- Switch to Amazon DynamoDB to enjoy millisecond latency

Distribute the workload by running multiple instances

Scale the instance vertically to a higher memory capacity

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

Systems that are expected to grow over time need to be built on top of a scalable architecture. Such an architecture can support growth in users, traffic, or data size with no drop-in performance. It should provide that scale in a linear manner where adding extra resources results in at least a proportional increase in ability to serve additional load. Growth should introduce economies of scale, and cost should follow the same dimension that generates business value out of that system. While cloud computing provides virtually unlimited on-demand capacity, your design needs to be able to take advantage of those resources seamlessly.

There are generally two ways to scale an IT architecture: vertically and horizontally.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

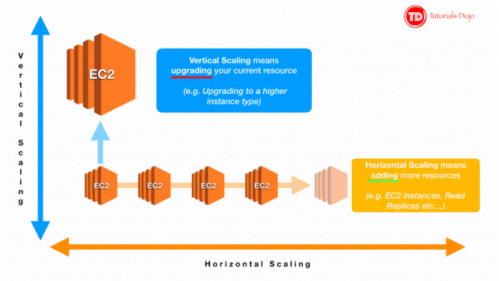
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



Vertical Scaling

– Scaling vertically takes place through an increase in the specifications of an individual resource, such as upgrading a server with a larger hard drive or a faster CPU. With Amazon EC2, you can stop an instance and resize it to an instance type that has more RAM, CPU, I/O, or networking capabilities. This way of scaling can eventually reach a limit, and it is not always a cost-efficient or highly available approach. However, it is very easy to implement and can be sufficient for many use cases especially in the short term.

Horizontal Scaling

– Scaling horizontally takes place through an increase in the number of resources, such as adding more hard drives to a storage array or adding more servers to support an application. This is a great way to build internet-scale applications that leverage the elasticity of cloud computing. Take note that not all architectures are designed to distribute their workload to multiple resources.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

In this scenario, it is better to scale vertically than horizontally since this is a database. Scaling vertically will give the database more capacity to perform its job and avoid high memory consumption.

Hence, the correct answer is: **Scale the instance vertically to a higher memory capacity.**

The option that says: **Distribute the workload by running multiple instances** is incorrect because adding more instances is not the best choice for databases unless you have a proper orchestrator. It is better to modify the database to a higher instance type instead.

The option that says: **Add read replicas to lessen the burden of read operations** is incorrect. Although this can reduce the load on your source DB instance by routing read queries from your applications to Read Replicas, it is mentioned in the scenario that the database is handling write-intensive operations. This means that adding read replicas will only do little for this scenario's issue, and it might be more costly as well.

The option that says: **Switch to Amazon DynamoDB to enjoy millisecond latency** is incorrect. Although switching to DynamoDB

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

is sometimes a valid choice of action, it is still too much work to refactor your SQL database to a NoSQL database. Migration can affect your costs too.

References:

https://d1.awsstatic.com/whitepapers/AWS_Cloud_B

https://docs.aws.amazon.com/AmazonRDS/latest/Us

Check out this Amazon RDS Cheat Sheet:

https://tutorialsdojo.com/amazon-relational-database-service-amazon-rds/

Amazon RDS vs Amazon DynamoDB Comparison:

https://tutorialsdojo.com/amazon-rds-vs-dynamodb/

33. QUESTION

Which of the following security features can be enabled in Amazon Workspaces to ensure compliance with regulations and protect sensitive data?

- Enabling multi-factor authentication for user access to workspaces.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- Disabling firewalls and antivirus software in the workspace for better performance.
- Allowing employees to use their personal devices for work.
- Storing sensitive data in an unencrypted form in the workspace.

Correct

AWS customers can enhance security for their Amazon WorkSpaces and Amazon QuickSight services, as well as their on-premises credentials, by activating multi-factor authentication (MFA) through AWS Directory Service for Microsoft Active Directory (AWS Microsoft AD). MFA adds an extra layer of protection beyond a username and password by requiring users to enter an authentication code generated by a virtual or hardware MFA solution. This additional layer of security helps prevent unauthorized access to AWS services, ensuring that only users with a valid MFA code can access these services.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

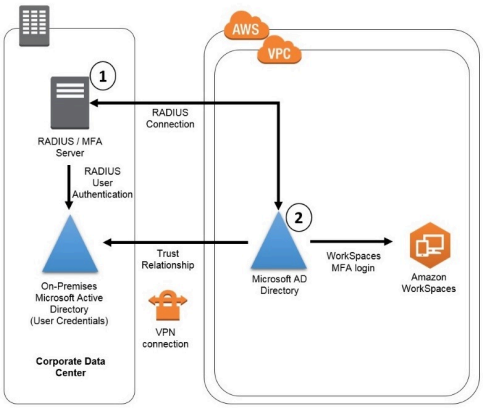
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



In order to activate MFA for AWS services like Amazon WorkSpaces and QuickSight, it is essential to have an MFA solution that functions as a Remote Authentication Dial-In User Service (RADIUS) server or as a plugin to an existing RADIUS server within your on-premises infrastructure. RADIUS is an industry-standard protocol that facilitates client/server communication for authentication, authorization, and accounting management, enabling users to access network services. The RADIUS server interfaces with your on-premises Active Directory (AD) to authenticate and authorize users.

Hence, the correct answer is: **Enabling multi-factor authentication for user access to workspaces.**

The option that says: **Allowing employees to use their personal devices for work** is incorrect because allowing employees to use their personal devices for

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

work-related tasks can pose significant security threats, particularly if these devices are not set up to adhere to established security standards. Personal devices may not have the requisite security features, may have outdated software, or maybe more susceptible to malware and other cyber threats. The use of personal devices for work can also lead to sensitive data being exposed to unauthorized users, resulting in data breaches and non-compliance with various regulations.

The option that says: **Storing sensitive data in an unencrypted form in the workspace** is incorrect, as storing sensitive data in an unencrypted form within the workspace can expose it to significant security risks and non-compliance with regulatory requirements. Sensitive data that is not appropriately secured can be easily accessed by unauthorized individuals, resulting in data breaches and non-compliance with regulations. Encryption is a vital security measure for safeguarding sensitive data, especially when it is being stored or transmitted.

The option that says: **Disabling firewalls and antivirus software in the workspace for better**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

performance is incorrect because turning off firewalls and antivirus software in the workspace can increase the risk of cyber-attacks and non-compliance with regulations. Firewalls and antivirus software are crucial security measures for protecting against various cyber threats, such as malware, viruses, and other malicious activities. Deactivating these security measures can leave the workspace vulnerable to attacks, resulting in data breaches and non-compliance with regulations.

References:

https://aws.amazon.com/blogs/security/how-to-enable-multi-factor-authentication-for-amazon-workspaces-and-amazon-quicksight-by-using-microsoft-ad-and-on-premises-credentials/

https://docs.aws.amazon.com/workspaces/latest/ad

Check out this Amazon WorkSpaces Cheat Sheet:

https://tutorialsdojo.com/amazon-workspaces/

34. QUESTION

Which of the following is a benefit of using Amazon Cognito for user authentication and authorization in a

web application?

- Amazon Cognito can only authenticate users who have Amazon accounts.
- Amazon Cognito is only suitable for small-scale applications with limited users.
- Amazon Cognito provides a built-in user interface for login and registration.
- Amazon Cognito requires developers to manage user pools and identity providers.

Correct

Amazon Cognito is a fully managed identity management service that AWS provides. It makes it easy for developers to add user authentication and authorization to their web and mobile applications. With Amazon Cognito, developers can create user pools to manage and authenticate users and integrate with third-party identity providers to provide a seamless authentication experience. Additionally, Cognito offers built-in

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

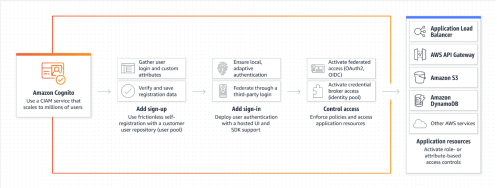
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

support for multi-factor authentication (MFA), user profile data management, and account recovery.



Amazon Cognito is designed to help you build scalable, secure, and user-friendly applications without worrying about the complexities of identity management. Using Amazon Cognito, you can focus on building their applications and leave the user authentication and authorization to AWS. With Cognito's customizable user interface, you can quickly integrate a login and registration flow into your application while also being able to tailor the look and match your branding. Furthermore, Cognito allows you to implement granular access control by defining user groups, roles, and permissions, which helps to secure your application's resources. Overall, Amazon Cognito is a powerful and flexible identity management solution that lets you quickly and easily add user authentication and authorization to your web and mobile applications.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Hence, the correct answer is: **Amazon Cognito provides a built-in user interface for login and registration.**

The option that says: **Amazon Cognito can only authenticate users who have Amazon accounts** is incorrect because it can authenticate users with many identity providers, including social identity providers (such as Google, Facebook, and Twitter), enterprise identity providers (such as Microsoft Active Directory), and user pools managed by the developer.

The option that says: **Amazon Cognito requires developers to manage user pools and identity providers** is incorrect because it can manage user pools and identity providers on behalf of developers, so they don't have to worry about the underlying infrastructure. Developers can use Cognito to create and manage their user pools, or they can use an identity provider like Google or Facebook.

The option that says: **Amazon Cognito is only suitable for small-scale applications with limited users** is incorrect because this service can scale to handle millions of users, making it suitable for applications of any size.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://docs.aws.amazon.com/cognito/index.html

https://docs.aws.amazon.com/cognito/latest/develop
is-amazon-cognito.html

https://docs.aws.amazon.com/IAM/latest/UserGuide

Check out this Amazon Cognito Cheat Sheet:

https://tutorialsdojo.com/amazon-cognito

35. QUESTION

What benefits does AWS cloud provide for elasticity compared to on-premises implementations?

- Easier Scalability
- More control over hardware
- Lower expenses for the infrastructure
- Increased Security

Correct

Elasticity refers to the ability to dynamically add and remove resources to meet changing demands. Scaling up and down, as

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

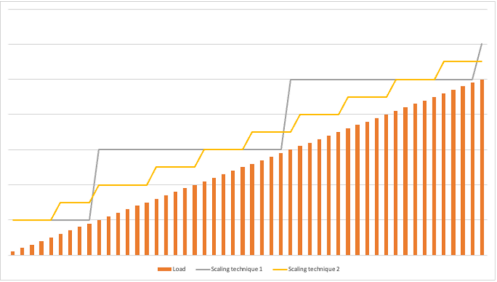
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

well as scaling out and in, are included in this. Amazon S3, Amazon SQS, Amazon SNS, Amazon SES, and Amazon Aurora are some of the AWS services that automatically adjust resources to meet demand. While others, including Amazon EC2, Amazon ECS, AWS Fargate, Amazon EKS, and Amazon DynamoDB, interact with AWS Auto Scaling, other services, like Amazon RDS, require vertical scaling. Elastic services also include Amazon Aurora Serverless and Amazon Athena.



The AWS cloud offers immediate access to computing resources, including storage, processing power, and memory, allowing businesses to scale their resources up or down swiftly and effortlessly without significant infrastructure expenditures. This level of elasticity is particularly advantageous for businesses that encounter abrupt surges in workload or traffic spikes.

Hence, the correct answer is: **Easier Scalability.**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

The option that says: **Lower expenses for the infrastructure** is incorrect since the cost-effectiveness of AWS cloud services cannot always be guaranteed in comparison to maintaining an on-premises infrastructure, particularly for smaller businesses with lower resource requirements.

The option that says: **More control over hardware** is incorrect because customers don't have direct control over the underlying hardware in AWS.

The option that says: **Increased Security** is incorrect. Although AWS Cloud offers various security features and best practices, it does not automatically ensure heightened security when compared to on-premises implementations. Take note that security in the cloud is a shared responsibility between AWS and the customer.

References:

https://wa.aws.amazon.com/wat.concept.elasticity.e

https://docs.aws.amazon.com/whitepapers/latest/re
systems-on-aws/elastic.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

36. QUESTION

If you are using the Enterprise Support plan, who is your designated technical point of contact that provides all the necessary AWS expertise to maintain an operationally healthy AWS environment?

- Operations Support
- Concierge Support
- Technical Account Manager (TAM)
- AWS Systems Manager

Incorrect

A **Technical Account Manager (TAM)** is your designated technical point of contact who provides advocacy and guidance to help plan and build solutions using best practices, coordinates access to subject matter experts and product teams, and proactively keeps your AWS environment operationally healthy.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

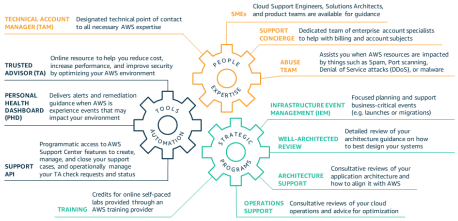
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



In addition to what is available with Basic Support, Enterprise Support provides:

AWS Trusted Advisor – Access to the full set of Trusted Advisor checks and guidance to provision your resources following best practices to help reduce costs, increase performance and fault tolerance, and improve security.

AWS Personal Health Dashboard – A personalized view of the health of AWS services, and alerts when your resources are impacted. Also includes the Health API for integration with your existing management systems.

AWS Support API – Programmatic access to AWS Support Center features to create, manage, and close your support cases, and operationally manage your Trusted Advisor check requests and status.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~	1 Topic
~~Practice Exams – Review Mode~~	1 Topic
~~Practice Exams – Section-Based~~	1 Topic
~~Final Test~~	1 Topic
~~BONUS SECTION – FLASHCAR~~...	2 Topics
~~Additional Resources for the AWS Certifi~~...	

Proactive Technical Account Management – A Technical Account Manager (TAM) is your designated technical point of contact who provides advocacy and guidance to help plan and build solutions using best practices, coordinates access to subject matter experts and product teams, and proactively keeps your AWS environment operationally healthy.

Architecture Support – Contextual guidance on how services fit together to meet your specific use case, workload, or application.

Third-Party Software Support – Guidance, configuration, and troubleshooting of AWS interoperability with many common operating systems, platforms, and application stack components.

Proactive Support Programs – Included access to Well-Architected Reviews, Operations Reviews, and Infrastructure Event Management.

Support Concierge – the Concierge Team are AWS billing and account experts that specialize in working with

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

enterprise accounts. They will quickly and efficiently assist you with your billing and account inquiries, and work with you to implement billing and account best practices so that you can focus on what matters: running your business.

	DEVELOPER	BUSINESS	ENTERPRISE ON-RAMP	ENTERPRISE
Use Case	Recommended if you are experimenting or testing in AWS.	Recommended if you have production workloads in AWS.	Recommended if you have business and/or mission critical workloads in AWS.	Recommended if you have business and/or mission critical workloads in AWS.
AWS Trusted Advisor Best Practice Checks	Service Quota and basic Security checks	Full set of checks	Full set of checks	Full set of checks
Architectural Guidance	General	Contextual to your use-cases	Consultative review and guidance based on your applications	Consultative review and guidance based on your applications
Technical Account Management	✕	✕	A pool of Technical Account Managers to provide proactive guidance, and coordinate access to programs and AWS experts.	Designated Technical Account Manager (TAM) to proactively monitor your environment and assist with optimization and coordinate access to programs and
Training	✕	✕	✕	Access to online self-paced labs.
Account Assistance	✕	✕	Concierge Support Team	Concierge Support Team
Enhanced Technical Support	Business hours** email access to Cloud Support Associates. Unlimited cases / 1 primary contact Prioritized responses on AWS vs Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (API supported) Prioritized responses on AWS vs Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (API supported) Prioritized responses on AWS vs Post	24x7 phone, email, and chat access to Cloud Support Engineers Unlimited cases / unlimited contacts (API supported) Prioritized responses on AWS vs Post
Programmatic Case Management	✕	AWS Support API	AWS Support API	AWS Support API
Third-Party Software Support	✕	Interoperability and configuration guidance and troubleshooting	Interoperability and configuration guidance and troubleshooting	Interoperability and configuration guidance and troubleshooting
Proactive Programs	Access to Support Automation Workflows with prefixes AWSSupport	Access to Infrastructure Event Management for additional fee Access to Support Automation Workflows with prefixes AWSSupport and AWSPremiumSupport	Infrastructure Event Management (one-per-year) Access to Support Automation Workflows with prefixes AWSSupport and AWSPremiumSupport	Infrastructure Event Management Access to proactive reviews, workshops, and deep dives Access to Support Automation Workflows with prefixes AWSSupport and AWSPremiumSupport

For companies with a Business support plan, you can have access to the Infrastructure Event Management for an additional fee. However, all other proactive support programs such as Well-Architected Reviews and Operations Reviews are exclusively available for companies who opted for Enterprise support.

Hence, the correct answer in this scenario is **Technical Account Manager (TAM).**

Concierge Support is incorrect because this just assists you with your billing and account inquiries, and works with you to implement billing and account best practices so that you can focus on what matters: running your business.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Operations Support is incorrect because they simply assist you in consultative reviews of your cloud operations and give advice for optimization.

AWS Systems Manager is incorrect because this is not a person in the first place. This is an AWS service that provides a unified user interface so you can view operational data from multiple AWS services. It also allows you to automate operational tasks across your AWS resources. Systems Manager is not part of the AWS Support Plan.

References:

https://aws.amazon.com/premiumsupport/plans/

https://docs.aws.amazon.com/awssupport/latest/use
started.html

https://aws.amazon.com/premiumsupport/plans/ente

Check out this AWS Support Plans Cheat Sheet:

https://tutorialsdojo.com/aws-support-plans/

37. QUESTION

Which service will you use to quickly and securely transfer hundreds of petabytes of data to AWS?

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- AWS Snowball Edge
- AWS Data Exchange
- AWS Data Pipeline
- AWS Snowmobile

Correct

AWS Snowmobile makes it easy to move massive volumes of data to the cloud, including video libraries, image repositories, or even a complete data center migration. Transferring data with Snowmobile is more secure, fast, and cost-effective. You can transfer up to 100 PB per Snowmobile, a 45-foot-long ruggedized shipping container pulled by a semi-trailer truck.

Snowmobile is an Exabyte-scale data transfer service used to move extremely large amounts of data to AWS. To help protect your data, Snowmobile uses multiple layers of security, including dedicated security personnel, GPS tracking, alarm monitoring, 24/7 video surveillance, and an optional escort security vehicle while in

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

transit. All data is encrypted with 256-bit encryption keys that you manage via the AWS KMS. It is designed for data security and complete chain-of-custody.

Hence, the correct answer is: **AWS Snowmobile.**

AWS Snowball Edge is incorrect because this is a data transport solution that accelerates moving terabytes to petabytes of data into and out of AWS using physical appliances. Snowball Edge is not the best service to transfer exabyte-scale data.

AWS Data Exchange is incorrect because it is a service that makes it easy for millions of AWS customers to securely find, subscribe to, and use third-party data in the cloud. This option is not suitable when transferring hundreds of petabytes of data to AWS.

AWS Data Pipeline is incorrect since this is not a data migration service. Data Pipeline just lets you provision pipelines and remove the development and maintenance effort required to manage your daily data operations, letting you focus on generating insights from that data.

References:

https://aws.amazon.com/snowmobile/

https://docs.aws.amazon.com/whitepapers/latest/ar
hipaa-security-and-compliance-
on-aws/aws-snowmobile.html

Check out this AWS Snowmobile Cheat Sheet:

https://tutorialsdojo.com/aws-snowmobile/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

38. QUESTION

Auto-Scaling based on demand is an implementation of which AWS cloud best practice?

- Design for failure.
- Design for perfection.
- Implement elasticity.
- Drive architectures using data.

Correct

There are various best practices that you can follow which can help you build an application in the cloud. The notable ones are:

1. Design for failure
2. Decouple your components
3. Implement elasticity

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

4. Think parallel

The cloud brings a new concept of **elasticity** to your applications. Elasticity can be implemented in three ways:

1. Proactive Cyclic Scaling: Periodic scaling that occurs at a fixed interval (daily, weekly, monthly, quarterly)

2. Proactive Event-based Scaling: Scaling just when you are expecting a big surge of traffic requests due to a scheduled business event (new product launch, marketing campaigns)

3. Auto-scaling based on demand. By using a monitoring service, your system can send triggers to take appropriate actions so that it scales up or down based on metrics (utilization of the servers or network i/o, for instance)

To implement "**Elasticity**", one has to first automate the deployment process and streamline the configuration and build process. This will ensure that the system can scale without any human intervention. This will result in immediate cost benefits as the overall utilization is increased by ensuring your resources are

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

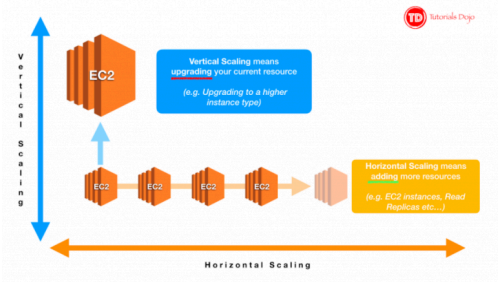
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

closely aligned with demand rather than potentially running servers that are under-utilized.

One of the most important benefits of using a cloud environment is the ability to use the cloud's APIs to automate your deployment process. It is recommended that you take the time to create an automated deployment process early on during the migration process and not wait until the end. Creating an automated and repeatable deployment process will help reduce errors and facilitate an efficient and scalable update process.



Some of the AWS specific tactics to automate your infrastructure are:

1. Define Auto-scaling groups for different clusters using the Amazon Auto-scaling feature in Amazon EC2.

2. Monitor your system metrics (CPU, Memory, Disk I/O, Network I/O) using Amazon CloudWatch and take appropriate actions (launching

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

new AMIs dynamically using the Auto-scaling service) or send notifications.

3. Store and retrieve machine configuration information dynamically: Utilize Amazon SimpleDB to fetch config data during boot-time of an instance (eg. database connection strings). SimpleDB may also be used to store information about an instance such as its IP address, machine name, and role.

4. Design a build process such that it dumps the latest builds to a bucket in Amazon S3; download the latest version of an application during system startup.

5. Reduce bundling and launch time by booting from Amazon EBS volumes and attaching multiple Amazon EBS volumes to an instance. Create snapshots of common volumes and share snapshots among accounts wherever appropriate.

Hence, the correct answer is: **Implement elasticity.**

The option that says: **Driving architectures using data** is incorrect because this is actually one of the general design

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

principles of the AWS Well-Architected Framework and not particularly a type of cloud best practice.

The option that says: **Design for perfection** is incorrect because this is not considered a best practice at all. The implementation of Auto-Scaling based on demand is an example of the *Implement elasticity* best practice.

The option that says: **Design for failure** is incorrect because it only encourages you to be a pessimist when designing architectures in the cloud; assume things will fail. In other words, you should always design, implement, and deploy for automated recovery from failure.

References:

https://docs.aws.amazon.com/wellarchitected/latest

https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.concept.elasticity.en.html

Check out this AWS Auto Scaling Cheat Sheet:

https://tutorialsdojo.com/aws-auto-scaling/

Tutorials Dojo's AWS Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

39. QUESTION

Where is the best place to archive logs and other infrequently accessed files for a long period of time?

- Amazon S3 Glacier Flexible Retrieval
- Amazon Storage Gateway
- Amazon EBS
- Amazon S3 Standard-IA

Correct

Amazon S3 Glacier is a secure, durable, and extremely low-cost Amazon S3 cloud storage class for data archiving and long-term backup. This makes it feasible to retain all the data you want for use cases like data lakes, analytics, IoT, machine learning, compliance, and media asset archiving.

S3 Glacier provides the following storage classes:

– **S3 Glacier Instant Retrieval** for archiving data that might be needed once per quarter and needs to be restored quickly (milliseconds)

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

– **S3 Glacier Flexible Retrieval** for archiving data that might infrequently need to be restored, once or twice per year, 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	Designed for	Availability	Availability Zones	Min Storage Duration	Min Billable Object Size	Monitoring and Auto-Tiering Fees	Retrieval Fees
Standard	Frequently accessed data with milliseconds access	99.99%	≥ 3	-	-	-	-
Intelligent-Tiering	Data with changing or unknown access patterns	99.9%	≥ 3	-	-	Per-object fees apply for objects >= 128 KB	-
Standard-IA	Infrequently accessed data with milliseconds access	99.9%	≥ 3	30 days	128 KB	-	Per-GB fees apply
One Zone-IA	Infrequently accessed data stored in a single AZ with milliseconds access	99.5%	1	30 days	128 KB	-	Per-GB fees apply
Glacier Instant Retrieval	Long-lived archive data with instant retrieval in milliseconds	99.9%	≥ 3	90 days	128 KB	-	Per-GB fees apply
Glacier Flexible Retrieval	Long-lived archive data with retrieval of minutes to hours	99.99%	≥ 3	90 days	-	-	Per-GB fees apply
Glacier Deep Archive	Long-lived archive data with retrieval of hours	99.99%	≥ 3	180 days	-	-	Per-GB fees apply

The Amazon S3 Glacier Flexible Retrieval provides three retrieval options to fit your use case. Expedited retrievals typically return data in 1-5 minutes, and are great for Active Archive use cases. Standard retrievals typically complete between 3-5 hours and work well for less time-sensitive needs like backup data, media editing, or long-term analytics. Bulk retrievals are the lowest-cost retrieval option, returning large amounts of data within 5-12 hours. The Amazon S3 Glacier Deep Archive storage class provides two retrieval options ranging from 12-48 hours.

Amazon S3 Glacier storage classes are designed to be the lowest-cost Amazon S3 storage classes, allowing you to archive

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

large amounts of data at a very low cost. This makes it feasible to retain all the data you want for use cases like data lakes, analytics, IoT, machine learning, compliance, and media asset archiving. You pay only for what you need, with no minimum commitments or up-front fees.

Hence, the correct answer is: **Amazon S3 Glacier Flexible Retrieval.**

Amazon S3 Standard-IA is incorrect. Although this storage class is good for storing infrequently accessed files, S3 Glacier Flexible Retrieval is a much better choice if the archived files will be kept for a long period of time.

Amazon EBS is incorrect because it is not the best choice for archiving objects. EBS serves as volumes for EC2 instances so you need to attach them first to EC2 to access the files within.

Amazon Storage Gateway is incorrect because this is not the best storage option for archived files. In terms of cost and function, S3 Glacier Flexible Retrieval is the better service to use. AWS Storage Gateway is a hybrid cloud storage service that gives you on-premises access to virtually unlimited cloud storage.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://aws.amazon.com/s3/storage-classes/glacier/

https://aws.amazon.com/s3/faqs

https://docs.aws.amazon.com/prescriptive-guidance/latest/backup-recovery/amazon-s3-glacier.html

Check out this Amazon S3 Glacier Cheat Sheet:

https://tutorialsdojo.com/amazon-glacier/

40. QUESTION

A developer needs to access a Linux EC2 Instance to modify a WordPress configuration file. Which of the following methods let them connect to their instance's Linux terminal? (Select TWO.)

- [ ] AWS Direct Connect
- [ ] VPC Peering
- [ ] Session Manager
- [ ] User Data
- [ ] EC2 Instance Connect

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

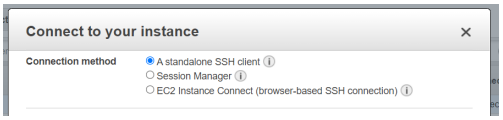
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud. Using Amazon EC2 eliminates your need to invest in hardware up front, so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic.



To connect to an EC2 instance you can use:

Secure Shell (SSH) – the most common tool to connect to Linux servers.

Session Manager – it is a fully managed AWS Systems Manager capability that lets you manage your EC2 instances, on-premises instances, and virtual machines (VMs) through an interactive one-click browser-based shell or through the AWS CLI.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

EC2 Instance Connect – connect to your Linux instances using a browser-based client.

Hence, the correct options are:

– EC2 Instance Connect

– Session Manager

AWS Direct Connect is incorrect because this is a networking service that is primarily used to establish private connectivity between AWS and your datacenter, office, or colocation environment.

VPC Peering is incorrect because this is used to connect two or more VPCs. You can't use this to connect to your EC2 instance.

User Data is incorrect because this is used to configure an instance during launch or to run a configuration script.

References:

https://docs.aws.amazon.com/AWSEC2/latest/UserG

https://aws.amazon.com/ec2/

Check out this Amazon EC2 Cheat Sheet:

https://tutorialsdojo.com/amazon-elastic-compute-cloud-amazon-ec2/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

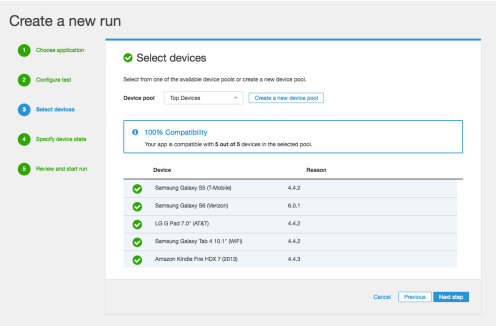
41. QUESTION

Tutorials Dojo would like to test their new mobile app on multiple devices at once in a coordinated fashion using AWS. Which of the following services will help speed up the process?

- AWS Device Farm
- AWS Ground Station
- Amazon QuickSight
- AWS Security Bulletin

Incorrect

AWS Device Farm is an application testing service that lets you improve the quality of your web and mobile apps by testing them across an extensive range of desktop browsers and real mobile devices; without having to provision and manage any testing infrastructure.



100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

You can use AWS Device Farm to quickly test a native, hybrid, or web app and see the results. It also displays or pinpoints bugs and performance issues in your app. In AWS, you can test your app against a massive collection of physical devices in parallel.

Hence, the correct answer is: **AWS Device Farm.**

AWS Ground Station is incorrect since this service is for controlling satellite communications and processing data using satellites.

Amazon QuickSight is incorrect because this is a business intelligence service for creating visualizations and dashboards. Take note that you need to test out a new mobile app on multiple devices. Therefore, this service won't help you accomplish the task.

AWS Security Bulletin is incorrect because this AWS service is a security announcement provider service. This means that you can't use this service to test mobile apps on multiple devices.

References:

https://aws.amazon.com/device-farm/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

https://docs.aws.amazon.com/aws-mobile/latest/developerguide/mobile-hub-features.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

42. QUESTION

Which of the following services will be able to reroute traffic to your secondary EC2 instances in another region during disaster recovery?

- Amazon Route 53
- AWS ELB
- Amazon VPC
- VPC Peering

Incorrect

Amazon Route 53 is a highly available and scalable cloud Domain Name System (DNS) web service. It is designed to give developers and businesses an extremely reliable and cost-effective way to route end users to Internet applications by translating names like www.i-love-

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

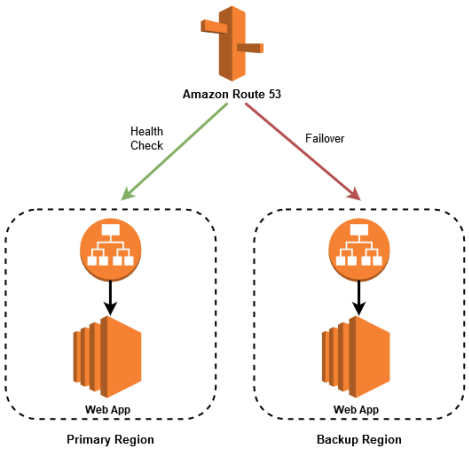
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

boracay.com into the numeric IP addresses like 192.0.2.1 that computers use to connect to each other. Amazon Route 53 is fully compliant with IPv6 as well.



You can use Route 53 to check the health of your resources and only return healthy resources in response to DNS queries. There are three types of DNS failover configurations:

1. Active-passive: Route 53 actively returns a primary resource. In case of failure, Route 53 returns the backup resource. Configured using a failover policy.

2. Active-active: Route 53 actively returns more than one resource. In case of failure, Route 53 fails back to the healthy resource. Configured using any routing policy besides failover.

3. Combination: Multiple routing policies (such as latency-based, weighted, etc.)

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

are combined into a tree to configure a more complex DNS failover.

Hence, the correct answer is: **Amazon Route 53.**

Both **Amazon VPC** and **VPC Peering** are incorrect because they don't do any kind of failover rerouting procedure during a disaster.

AWS ELB is incorrect. If the ELB itself were to fail, then no traffic would reach your servers at all. In the event of a regional outage, this can likely happen since ELB is a regional service, unlike Route 53, which is considered a global service. You would then have to rely on Route 53 to redirect traffic to your secondary application hosted in another region.

References:

https://aws.amazon.com/premiumsupport/knowledg
center/route-53-dns-health-checks/

https://docs.aws.amazon.com/Route53/latest/Devel
failover-configuring.html

Check out this Amazon Route 53 Cheat Sheet:

https://tutorialsdojo.com/amazon-route-53/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

43. QUESTION

What is the primary benefit of creating a scalable system?

- Applications are able to failover gracefully
- Applications are not easily targeted by malicious attacks
- Application resources will cost less than usual
- Applications are able to handle varying loads of work

Correct

Cloud computing is the on-demand delivery of compute power, database, storage, applications, and other IT resources via the internet with pay-as-you-go pricing. Whether you are using it to run applications that share photos to millions of mobile users or to support business-critical operations, a cloud services platform provides rapid access to flexible and low-cost IT resources. With cloud computing, you don't need to make large upfront investments in

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

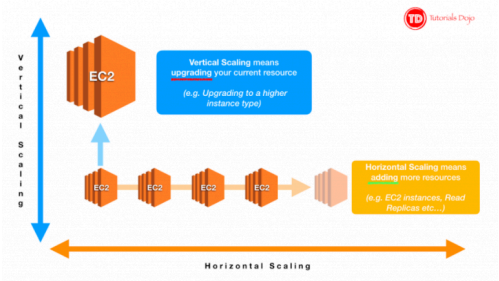
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

hardware and spend a lot of time on the heavy lifting of managing that hardware. Instead, you can provision exactly the right type and size of computing resources you need to power your newest idea or operate your IT department. You can access as many resources as you need, almost instantly, and only pay for what you use.



Having a scalable system means that it can adapt to varying workloads as needed. This also enables you to save on costs since resources will only be created when they are needed.

Hence, the correct answer is: **Applications are able to handle varying loads of work.**

The option that says: **Application resources will cost less than usual** is incorrect since AWS will still charge you at the same rate, even if you have a scalable system. The cost-benefit you get is in the total monthly billing.

The option that says: **Applications are able to failover gracefully** is incorrect since this is the primary

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

benefit of having a fault-tolerant system.

The option that says: **Applications are not easily targeted by malicious attacks** is incorrect since this benefit is related more to security.

References:

https://d1.awsstatic.com/whitepapers/AWS_Cloud_B

https://aws.amazon.com/blogs/architecture/scale-your-web-application-one-step-at-a-time/

Check out this AWS Well-Architected Framework – Design Principles Cheat Sheet:

https://tutorialsdojo.com/aws-well-architected-framework-design-principles/

44. QUESTION

An organization plans to set up a highly available application architecture in AWS. Which of the following satisfies this requirement?

- Purchase a reserved instance in the marketplace.
- Span auto-scaling groups across multiple Availability Zones.

Set up multiple virtual private clouds.

Upgrade the capacity of the application server.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

Amazon EC2 Auto Scaling is a fully managed service designed to launch or terminate Amazon EC2 instances automatically to help ensure you have the correct number of Amazon EC2 instances available to handle the load for your application. EC2 Auto Scaling helps you maintain application availability through fleet management for EC2 instances, which detects and replaces unhealthy instances, and by scaling your Amazon EC2 capacity up or down automatically according to conditions you define. You can use EC2 Auto Scaling to automatically increase the number of Amazon EC2 instances during demand spikes to maintain performance and decrease capacity during lulls to reduce costs.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

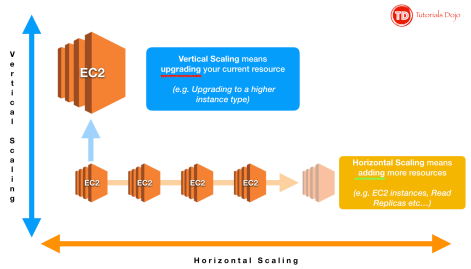
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



Availability Zones are isolated areas within an AWS Region. Each Region has multiple Availability Zones that are designed to provide the Region with high availability. Because availability zones are self-contained, designing your application to use multiple zones increases application availability.

When you create an Auto Scaling group, you must specify the VPC and subnets where the Auto Scaling group will be deployed. Amazon EC2 Auto Scaling creates instances in the subnets you specify. Each instance is thus assigned to an Availability Zone determined by Amazon EC2 Auto Scaling. When instances are launched, Amazon EC2 Auto Scaling attempts to distribute them evenly across zones for high availability and reliability.

Hence, the correct answer is: **Span auto-scaling groups across multiple Availability Zones.**

The option that says: **Upgrade the capacity of the application server** is incorrect because this means that you're just adding more resources (CPU/RAM/DISK) to your

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

server. If there are any outages on the server Availability Zone, then your application won't be able to accept incoming traffic. Instead of vertical scaling, set up a horizontal scaling to distribute resources in different Availability Zones.

The option that says: **Set up multiple virtual private clouds** is incorrect because you can just use one VPC and provision multiple servers or EC2 instances in each Availability Zone to eliminate single points of failure.

The option that says: **Purchase a reserved instance in the marketplace** is incorrect because you'll still need to configure your instances to automatically span in multiple Availability Zones to make it highly available.

References:

https://docs.aws.amazon.com/autoscaling/ec2/usergs
scaling-benefits.html

https://aws.amazon.com/ec2/faqs/

Check out this AWS Well-Architected Framework – Design Principles Cheat Sheet:

https://tutorialsdojo.com/aws-well-architected-framework-design-principles/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

45. QUESTION

An organization needs to use a natural language processing service to find insights and relationships in article submissions.

Which of the following services can satisfy the given requirement?

- Amazon WorkDocs
- Amazon Textract
- Amazon Monitron
- Amazon Comprehend

Incorrect

Amazon Comprehend is a natural language processing service that uses machine learning to find meaning and insights in text. Natural Language Processing is a way for computers to analyze, understand, and derive meaning from textual information in a smart and useful way. By utilizing NLP, you can extract important phrases, sentiment, syntax, key entities such as brand, date, location, person, etc., and the language of the text.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

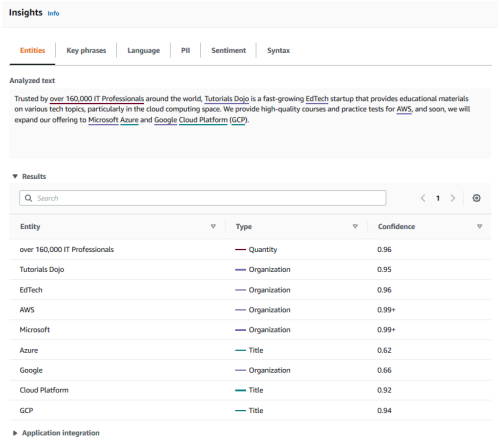
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



Amazon Comprehend can develop insights by recognizing the entities, key phrases, language, sentiments, and other common elements in a document. This service can analyze text from web pages, social media feeds, emails, and articles. By feeding a set of text documents to Amazon Comprehend, you can identify topics that best represent the information in the collection.

Hence, the correct answer is: **Amazon Comprehend**.

Amazon Textract is incorrect. This service is mainly used to extract printed text, handwriting, and data from virtually any document. Take note that the requirement in the scenario is to use natural language processing to find insights and relationships in a document.

Amazon Monitron is incorrect. Amazon Monitron is a machine learning service used for detecting abnormal industrial machine behavior and it enables you to implement predictive maintenance.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon WorkDocs is incorrect since this service is used for document collaboration, much like Google Docs and Office 365 Word. If you need to use a natural language processing service, you should use Amazon Comprehend.

References:

https://docs.aws.amazon.com/comprehend/latest/dg
is.html

https://aws.amazon.com/comprehend/faqs/

Check out this Amazon Comprehend Cheat Sheet:

https://tutorialsdojo.com/amazon-comprehend/

46. QUESTION

Which of the following is a continuous delivery service that you should use to automate your release pipelines for fast and reliable application and infrastructure updates?

- AWS CodePipeline
- AWS CodeDeploy
- Amazon Data Pipeline
- AWS CodeCommit

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

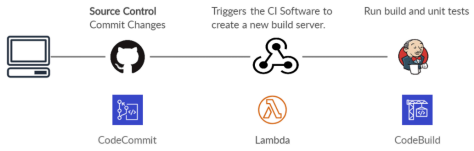
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

AWS CodePipeline is a fully managed continuous delivery service that helps you automate your release pipelines for fast and reliable application and infrastructure updates. AWS CodePipeline automates the build, test, and deploy phases of your release process every time there is a code change, based on the release model you define. This enables you to rapidly and reliably deliver features and updates. You can easily integrate CodePipeline with third-party services such as GitHub or with your own custom plugin. With AWS CodePipeline, you only pay for what you use. There are no upfront fees or long-term commitments.



AWS CodePipeline automates your software release process, allowing you to rapidly release new features to your users. With CodePipeline, you can quickly iterate on feedback and get new features to your users faster.

Automating your build, test, and release process allows you to quickly and easily test each code change and catch bugs while they are small and simple to fix. You

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

can ensure the quality of your application or infrastructure code by running each change through your staging and release process.

Hence, the correct answer is **AWS CodePipeline**.

AWS CodeDeploy is incorrect because this is primarily used to automate code deployments to any instance, including EC2 instances and instances running on-premises.

Amazon Data Pipeline is incorrect because this service is primarily used for data workflow orchestration which helps you reliably process and move data between different AWS compute and storage services, as well as on-premises data sources, at specified intervals. This has nothing to do with application release pipelines which is what AWS CodePipeline handles.

AWS CodeCommit is incorrect because this is just a fully-managed source control service that makes it easy for companies to host secure and highly scalable private Git repositories.

References:

https://aws.amazon.com/codepipeline/

https://docs.aws.amazon.com/whitepapers/latest/aw
overview/developer-tools.html

Check out this AWS CodePipeline Cheat Sheet:

https://tutorialsdojo.com/aws-codepipeline/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

47. QUESTION

A customer needs to access a broad collection of AWS services via an intuitive, web-based user interface. Which of the following options would you recommend?

- Bastion Host
- AWS CLI
- AWS SDK
- AWS Management Console

Correct

The **AWS Management Console** provides a simple web interface for Amazon Web Services. You can log in using your AWS account name and password. If you have enabled AWS Multi-Factor Authentication, you will be prompted for your device's authentication code.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

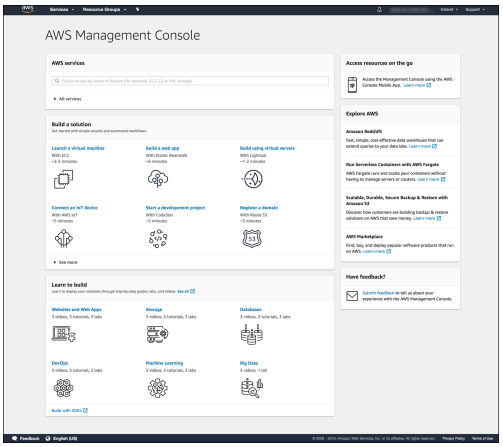
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



The home page provides access to each service console as well as an intuitive user interface for exploring AWS and getting helpful tips.

Hence, the correct answer is: **AWS Management Console**.

Bastion Host is incorrect because this is just a server that provides access to a private network from an external network, such as the Internet. Also, you cannot manage AWS services using a Bastion Host.

AWS CLI is incorrect because this is simply a tool to access an AWS service from the command line and automate tasks through scripts. Also, AWS CLI does not have an intuitive user interface.

AWS SDK is incorrect because this is primarily used to access and manage AWS services using your preferred development language. Also, SDK does not have an

intuitive user interface since it is just a collection of software development tools.

References:

https://aws.amazon.com/console/

https://docs.aws.amazon.com/awsconsolehelpdocs/started.html

Check out this AWS Management Console Cheat Sheet:

https://tutorialsdojo.com/aws-management-console/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

48. QUESTION

Which of the following AWS services is supported by a dedicated AWS team focused on infrastructure management to assist enterprises with large-scale cloud adoption?

- APN Technology Partner
- APN Consulting Partner
- AWS Signer
- AWS Managed Services

Incorrect

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

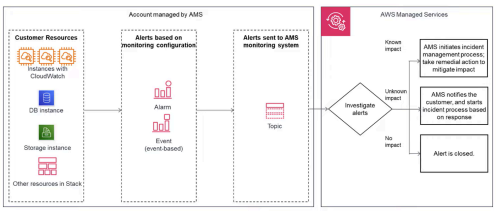
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Managed Services (AMS) helps you adopt AWS at scale and operate more efficiently and securely. They leverage standard AWS services and offer guidance and execution of operational best practices with specialized automation, skills, and experience that are contextual to your environment and applications. AMS provides proactive, preventative, and detective capabilities that raise the operational bar and help reduce risk without constraining agility, allowing you to focus on innovation. AMS also extends your team with operational capabilities, including monitoring, incident detection and management, security, patching, backup, and cost optimization.



If you don't have any expertise or background in cloud operations but you want to migrate your workloads to AWS, you can use the AWS Managed Services (AMS). They provide infrastructure management to external customers and help your business adopt the cloud at scale. When using this service, you only need

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

to focus on the innovation of your application and let the AMS team handle the operations side.

Hence, the correct answer is: **AWS Managed Services.**

AWS Signer is incorrect because this is a code-signing service to ensure the trust and integrity of your code.

APN Technology Partner is incorrect because this is not an AWS service. An AWS Technology Partner company provides software tools and services hosted on or integrated with AWS.

APN Consulting Partner is incorrect because this is also not an AWS service. The Consulting Partner helps an AWS customer in the implementation and management of an AWS cloud deployment.

References:

https://aws.amazon.com/managed-services/

https://docs.aws.amazon.com/managedservices/late
is-ams.html

https://aws.amazon.com/blogs/aws/category/aws-managed-services/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

49. QUESTION

Which of the following allows you to create and deploy infrastructure-as-code templates in AWS?

- Systems Manager
- Lightsail
- CloudFormation
- Elastic Beanstalk

Correct

AWS CloudFormation provides a common language for you to describe and provision all the infrastructure resources in your cloud environment. CloudFormation allows you to use programming languages or a simple text file to model and provision, in an automated and secure manner, all the resources needed for your applications across all regions and accounts. This gives you a single source of truth for your AWS resources. AWS

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

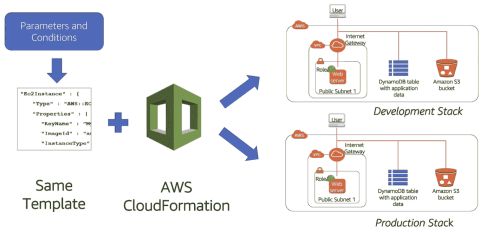
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

CloudFormation is available at no additional charge, and you pay only for the AWS resources needed to run your applications.



AWS CloudFormation allows you to model your entire infrastructure with either a text file or programming languages. This provides a single source of truth for your AWS resources and helps you to standardize infrastructure components used across your organization, enabling configuration compliance and faster troubleshooting.

Hence, the correct answer is: **AWS CloudFormation.**

AWS Elastic Beanstalk is incorrect because it does not support infrastructure as code.

Amazon Lightsail is incorrect. This service is just a package solution for the fast deployment of websites and other applications.

AWS Systems Manager is incorrect since this service is used for the automation of your EC2 instances.

References:

https://aws.amazon.com/cloudformation/

https://docs.aws.amazon.com/AWSCloudFormation/

Check out this AWS CloudFormation Cheat Sheet:

https://tutorialsdojo.com/aws-cloudformation/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

50. QUESTION

Which of the following database services are offered by AWS and are suitable for managing highly connected data, such as social networking graphs, recommendation engines, and fraud detection? (Select TWO).

- [ ] Amazon Aurora
- [ ] Amazon RDS
- [x] Amazon Neptune
- [ ] Amazon DocumentDB (with MongoDB compatibility)
- [x] Amazon MemoryDB for Redis

Incorrect

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

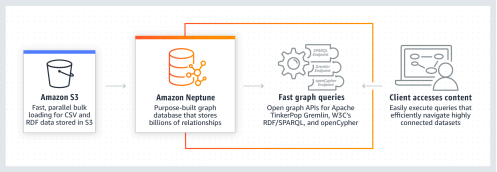
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon Neptune is a graph database service that is fully managed, reliable, and fast. It simplifies the creation and management of applications that work with datasets that are highly interconnected. The foundation of Neptune is its graph database engine which is designed for optimal performance. It is specialized in storing billions of relationships and enables querying of the graph with very low latency in milliseconds. Neptune supports several widely-used graph query languages, including Apache TinkerPop Gremlin, W3C's SPARQL, and Neo4j's openCypher. This allows you to efficiently create queries that can navigate complex datasets. Neptune is ideal for graph use cases such as network security, fraud detection, recommendation engines, drug discovery, and knowledge graphs.



Amazon DocumentDB (with MongoDB compatibility) is a fully managed database service that offers fast and reliable performance, with full compatibility with MongoDB. This

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

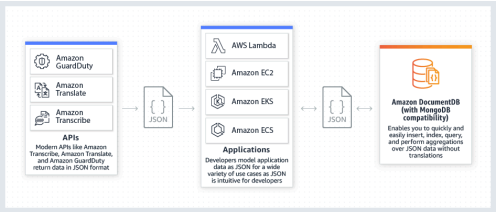
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

service provides an easy setup and scalable solution for MongoDB-compatible databases.



Hence, the correct answers are:

– Amazon Neptune

– Amazon DocumentDB (with MongoDB compatibility)

Amazon RDS is incorrect because it's only a managed relational database service. It does not natively support graph-based data structures or document-oriented data models.

Amazon MemoryDB for Redis is incorrect because it is simply a durable, in-memory database for workloads that require an ultra-fast performance. Redis is a key–value store, not a graph or document databases.

Amazon Aurora is incorrect because it is primarily a high-performance, fully managed relational database service that is compatible with MySQL and PostgreSQL, which are both relational database management systems. It is not specifically designed for graph or document databases.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://docs.aws.amazon.com/neptune/latest/usergu

https://aws.amazon.com/documentdb/

Check out these Amazon Neptune and Amazon DocumentDB Cheat Sheets:

https://tutorialsdojo.com/amazon-neptune/

https://tutorialsdojo.com/amazon-documentdb/

51. QUESTION

If you are tasked to create a lightweight Wordpress site in AWS without having to install the package on your own, which PaaS solution in AWS will allow you to do this easily?

- Amazon GameLift
- AWS Glue
- Amazon Lightsail
- AWS Elastic Beanstalk

Correct

Amazon Lightsail is a PaaS solution for users who need a simple virtual private server (VPS)

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

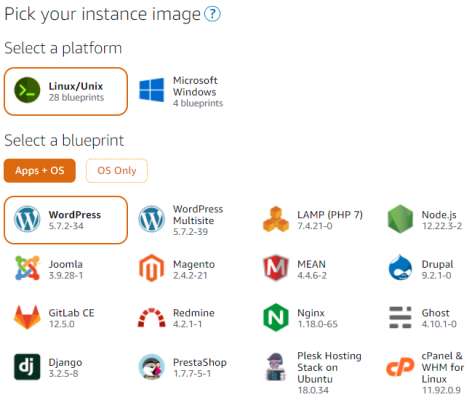
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

solution. Lightsail provides developers compute, storage, and networking capacity and capabilities to deploy and manage websites and web applications in the cloud. Lightsail includes everything you need to launch your project quickly – a virtual machine, SSD-based storage, data transfer, DNS management, and a static IP – for a low, predictable monthly price.



Lightsail offers a range of operating system and application templates that are automatically installed when you create a new Lightsail instance. Application templates include WordPress, Drupal, Joomla!, Magento, Redmine, LAMP, Nginx (LEMP), MEAN, Node.js, and more.

Hence, the correct answer is: **Amazon Lightsail.**

Amazon Elastic Beanstalk is another PaaS solution of AWS. This is not the correct answer, however, because you would have to deploy and set up your own

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

WordPress application first. Elastic Beanstalk does not offer a simple solution to quickly set up a functional WordPress website in minutes, unlike Lightsail.

Amazon GameLift is incorrect because you can't use this service to deploy applications. Amazon GameLift is a dedicated game server hosting solution that deploys, operates, and scales cloud servers for multiplayer games.

AWS Glue is incorrect because this is a serverless ETL (extract, transform, and load) service that makes it simple and cost-effective to categorize your data, clean it, enrich it, and move it reliably between various data stores and data streams. This service is not for setting up a WordPress site.

References:

https://aws.amazon.com/lightsail/

https://aws.amazon.com/lightsail/projects/wordpress

Check out this Amazon Lightsail Cheat Sheet:

https://tutorialsdojo.com/amazon-lightsail/

52. QUESTION

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Agility is one of the benefits of using cloud computing that provides customer with what advantage?

- Avoid overprovisioning of your infrastructure to ensure you have enough capacity to handle your business operations at the peak level of activity.
- Focus your valuable IT resources on developing applications that differentiate your business rather than managing infrastructure and data centers.
- Allows you to trade capital expense for variable expense.
- Easily deploy your application in multiple physical locations around the world with just a few clicks.

Incorrect

Cloud computing gives you access to servers, storage, databases, and a broad set of application services over the Internet. A cloud services provider such as Amazon

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

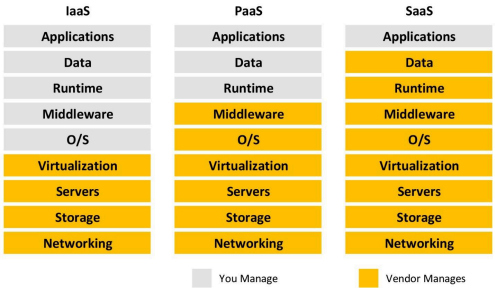
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Web Services owns and maintains the network-connected hardware required for these application services, while you provision and use what you need via a web application.



There are many benefits of using Cloud Computing such as:

1. Agility

The cloud allows you to innovate faster because you can focus your valuable IT resources on developing applications that differentiate your business and transform customer experiences rather than managing infrastructure and data centers. With cloud, you can quickly spin up resources as you need them, deploying hundreds or even thousands of servers in minutes. The cloud also makes it easy and fast to access a broad range of technology such as compute, storage, databases, analytics, machine learning, and many other services on an as-needed basis. As a result, you can very quickly develop and roll out new applications, and your teams can

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

experiment and innovate more quickly and frequently. If an experiment fails, you can always de-provision resources without risk.

2. Deploy globally in minutes

Deploy globally in minutes With the cloud, you can easily deploy your application in multiple physical locations around the world with just a few clicks. This means you can provide lower latency and a better experience for your customers simply and at a minimal cost.

3. Elasticity

Before cloud computing, you had to overprovision infrastructure to ensure you had enough capacity to handle your business operations at the peak level of activity. Now, you can provision the number of resources that you actually need, knowing you can instantly scale up or down with the needs of your business. This reduces costs and improves your ability to meet your users' demands.

4. Cost savings

The cloud allows you to trade capital expenses (data centers, physical servers, etc.) for variable expenses and only pay for IT as you consume it. Plus, the variable

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

expense is much lower than what you can do for yourself because of the larger economies of scale.

Hence, the correct answer is: **Focus your valuable IT resources on developing applications that differentiate your business rather than managing infrastructure and data centers.**

The option that says: **Avoid overprovisioning of your infrastructure to ensure you have enough capacity to handle your business operations at the peak level of activity** is incorrect because this is an advantage of Elasticity and not Agility.

The option that says: **Allows you to trade capital expense for variable expense** is incorrect because this is actually referring to the Cost savings benefit of cloud computing rather than Agility.

The option that says: **Easily deploy your application in multiple physical locations around the world with just a few clicks** is incorrect because this refers to the concept of *Deploy globally in minutes*.

References:

https://aws.amazon.com/what-is-cloud-computing/

https://docs.aws.amazon.com/whitepapers/latest/aw overview/six-advantages-of-cloud-computing.html

https://aws.amazon.com/blogs/enterprise-strategy/risk-is-lack-of-agility/

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

53. QUESTION

Which of the following AWS services provides a security management tool that can be used to configure your AWS WAF rules across different AWS accounts?

- AWS Firewall Manager
- Amazon GuardDuty
- AWS Trusted Advisor
- AWS Resource Access Manager

Incorrect

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

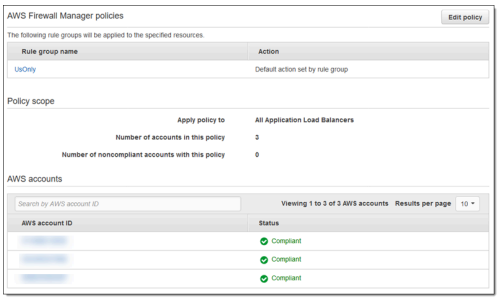
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Firewall Manager is a security management service that allows you to centrally configure and manage firewall rules across your accounts and applications in AWS Organizations. As new applications are created, the Firewall Manager makes it easy to bring new applications and resources into compliance by enforcing a common set of security rules. It is a single service to build firewall rules, create security policies, and enforce them in a consistent, hierarchical manner across your entire infrastructure.



Firewall Manager simplifies your AWS WAF administration and maintenance tasks across multiple accounts and resources. You set up your firewall rules just once, and the service automatically applies your rules across your accounts and resources.

Hence, the correct answer is: **AWS Firewall Manager.**

AWS Trusted Advisor is incorrect because this is just a tool that provides you real-time guidance to

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

help you provision your resources following AWS best practices. The security check doesn't support the configuration of a web application firewall. Trusted Advisor only recommends and alerts the user account.

Amazon GuardDuty and **AWS Resource Access Manager** are both incorrect because these services cannot configure AWS WAF rules across your accounts. Amazon GuardDuty is a threat detection service that continuously monitors your AWS accounts and workloads. While AWS Resource Access Manager is used to securely share your resources across your AWS accounts.

References:

https://aws.amazon.com/firewall-manager/

https://docs.aws.amazon.com/waf/latest/developerg chapter.html

Check out this AWS Firewall Manager Cheat Sheet:

https://tutorialsdojo.com/aws-firewall-manager/

54. QUESTION

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Which of the following is the company's responsibility when migrating an application from on-premises infrastructure to AWS cloud?

- Patching of host and guest operating systems.
- Managing software licenses.
- Configuration of physical security of the data center.
- Maintenance and security of the underlying infrastructure.

Incorrect

When using cloud services, it is important to understand the responsibilities of both the provider and the customer for the various components of the solution. The Shared Responsibility Model in Amazon Web Services outlines these responsibilities, specifying what AWS is responsible for and what the customer is responsible for. Additionally, it includes IT controls that are managed by either party or jointly, ensuring security and compliance throughout the cloud infrastructure.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

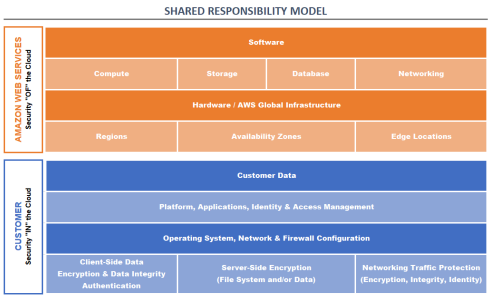
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS is responsible for the security "of" the cloud, while the customer is responsible for the security "in" the cloud. The distinction between "of" and "in" is significant because it defines the scope of responsibility for both AWS and the customer.



If a customer uses Bring-Your-Own-License (BYOL) software on AWS, the customer is typically responsible for managing software licenses. The customer is responsible for ensuring that the software they want to run on AWS is properly licensed.

If the customer, on the other hand, uses AWS-provided software, such as Amazon RDS, Amazon DynamoDB, or Amazon Elastic Beanstalk, then AWS manages the licensing for that software.

Hence, the correct answer is: **Managing software licenses.**

The option that says: **Patching of host and guest operating systems** is incorrect because patching of host OS is the

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

responsibility of AWS. You only need to patch the guest operating system of your resources.

The option that says: **Configuration of physical security of the data center** is incorrect because this is also the responsibility of AWS. In terms of security, the customer is responsible for encryption and permissions.

The option that says: **Maintenance and security of the underlying infrastructure** is incorrect because customers are only responsible for the security of their own workloads and applications that run on top of AWS infrastructure, but not for the underlying infrastructure.

References:

https://aws.amazon.com/compliance/shared-responsibility-model/

https://aws.amazon.com/blogs/mt/simplified-byol-experience-using-aws-license-manager/

Check out this AWS License Manager Cheat Sheet:

https://tutorialsdojo.com/aws-license-manager/

55. QUESTION

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

What service will allow you to sell your catalog of custom AMIs in AWS?

- AWS Service Catalog
- Amazon CloudSearch
- Amazon Mechanical Turk
- AWS Marketplace

Incorrect

AWS Marketplace is a curated digital catalog that customers can use to find, buy, deploy, and manage third-party software, data, and services that customers need to build solutions and run their businesses. AWS Marketplace includes thousands of software listings from popular categories such as security, networking, storage, machine learning, business intelligence, database, as well as related professional services to help you manage and support those solutions. AWS Marketplace also simplifies software licensing and procurement with flexible pricing options and multiple deployment methods. In addition, AWS Marketplace includes data products available from AWS Data Exchange.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

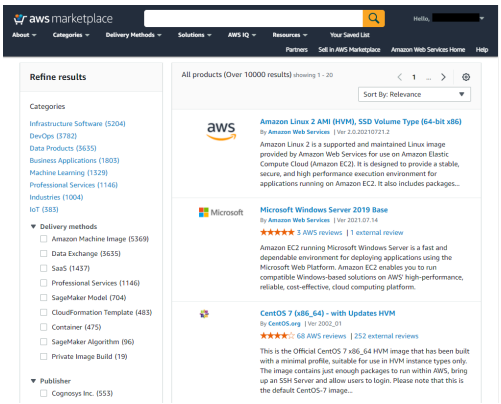
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



AWS Marketplace enables qualified partners to market and sell their software to AWS Customers. AWS Marketplace is an online software store that helps customers find, buy, and immediately start using the software and services that run on AWS.

Hence, the correct answer is: **AWS Marketplace.**

Amazon Mechanical Turk is incorrect because this is a web service that provides an on-demand, scalable, human workforce to complete jobs that humans can do better than computers, such as recognizing objects in photographs. It is not a place where you can buy and sell custom software like AWS Marketplace.

AWS Service Catalog is incorrect because this service lets you centrally manage commonly deployed IT services, and helps you achieve consistent governance and meet your

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

compliance requirements while enabling users to quickly deploy only the approved IT services they need.

Amazon CloudSearch is incorrect because this is a search solution for websites or applications.

References:

https://aws.amazon.com/partners/aws-marketplace/

https://docs.aws.amazon.com/marketplace/latest/usis-marketplace.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

56. QUESTION

A startup is using only an AWS Basic Support plan and cannot afford a higher plan right now. They require technical assistance from AWS to better understand the behavior of their services.

Which of the following can be a source of technical assistance for this startup?

- AWS Concierge Support

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

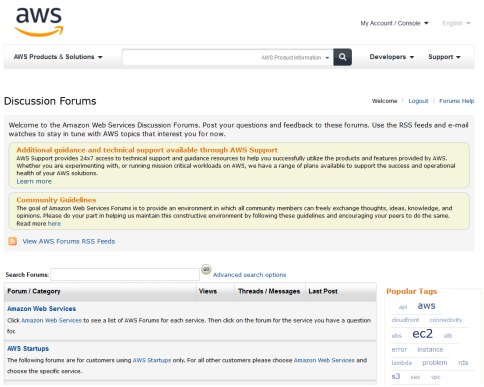
AWS Technical Account Manager

AWS Trusted Advisor

AWS Discussion Forums

Incorrect

AWS Basic Support offers all AWS customers access to the AWS Resource Center, Service Health Dashboard, Product FAQs, Discussion Forums, and Support for Health Checks at no additional charge. Customers who desire a deeper level of support can subscribe to AWS Support at the Developer, Business, or Enterprise level.



Basic Support is included for all AWS customers and includes:

– Customer Service and Communities – 24×7 access to customer service, documentation, whitepapers, and support forums.
– AWS Trusted Advisor –

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Access to the 7 core Trusted Advisor checks and guidance to provision your resources following best practices to increase performance and improve security.
– AWS Personal Health Dashboard – A personalized view of the health of AWS services, and alerts when your resources are impacted.

You can post operational issues or technical questions at AWS Discussion Forums and get technical assistance from the AWS community. The platform enables community members to exchange thoughts, ideas, knowledge, and opinions.

Hence, the correct answer is: **AWS Discussion Forums.**

AWS Trusted Advisor is incorrect because you can't receive technical assistance from this service. AWS Trusted Advisor is a tool that provides best practice recommendations in your AWS account.

AWS Technical Account Manager is incorrect because you can't get assistance from AWS TAM with just a basic support plan. You need to upgrade your support plan to Enterprise.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Concierge Support is incorrect. This offering is only available for enterprise support plans.

References:

https://forums.aws.amazon.com/

https://aws.amazon.com/premiumsupport/faqs/

https://aws.amazon.com/premiumsupport/plans/

Check out this AWS Support Plans Cheat Sheet:

https://tutorialsdojo.com/aws-support-plans/

57. QUESTION

Which of the following scaling types can forecast future traffic of your application to help you schedule and provision the right number of EC2 instances in advance?

- Target tracking scaling
- Predictive scaling
- Scheduled scaling
- Simple scaling

Correct

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

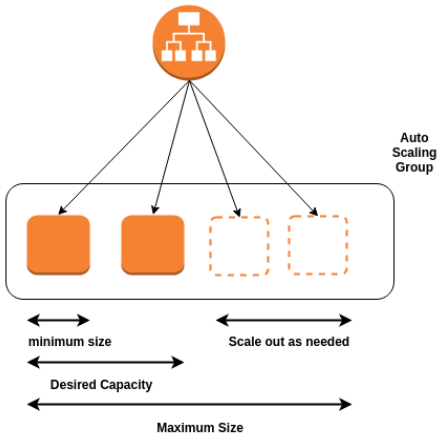
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Auto Scaling enables you to configure automatic scaling for the AWS resources that are part of your application in a matter of minutes. The AWS Auto Scaling console provides a single user interface to use the automatic scaling features of multiple AWS services. You can configure automatic scaling for individual resources or for whole applications.



With AWS Auto Scaling, you configure and manage to scale your resources through a scaling plan. The scaling plan uses dynamic scaling and predictive scaling to automatically scale your application's resources. This ensures that you add the required computing power to handle the load on your application and then remove it when it's no longer required. The scaling plan lets you choose scaling strategies to define how to optimize your resource utilization. You can optimize for

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

availability, cost, or a balance of both. Alternatively, you can create custom scaling strategies.

Hence, the correct answer is: **Predictive scaling**

The option that says: **Target tracking scaling** is incorrect because it is not capable of forecasting future traffic. This type of scaling policy only increases and decreases the current capacity of the Auto Scaling group based on an Amazon CloudWatch metric and a target value that you specify.

The option that says: **Scheduled scaling** is incorrect. Although schedule scaling can help you set up your own scaling schedule according to predictable load changes, it still cannot predict or forecast the future traffic of your cloud workloads.

The option that says: **Simple scaling** is incorrect because this type just increases and decreases the current capacity of the Auto Scaling group based on a single scaling adjustment, with a cooldown period between each scaling activity.

References:

https://aws.amazon.com/autoscaling/

https://docs.aws.amazon.com/autoscaling/plans/use
is-aws-auto-scaling.html

https://docs.aws.amazon.com/autoscaling/ec2/userg
auto-scaling-predictive-
scaling.html

Check out this AWS Auto Scaling Cheat Sheet:

https://tutorialsdojo.com/aws-auto-scaling/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

58. QUESTION

Where can you track the costs you've incurred so far in your AWS account with a graphical visualization?

- AWS Budgets
- AWS Cost and Usage Reports
- AWS Cost Explorer
- AWS Consolidated Billing

Incorrect

The **AWS Cost Explorer** service has an easy-to-use interface that lets you visualize, understand, and manage your AWS costs and usage over time. Get started quickly by creating custom reports (including charts and tabular data)

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

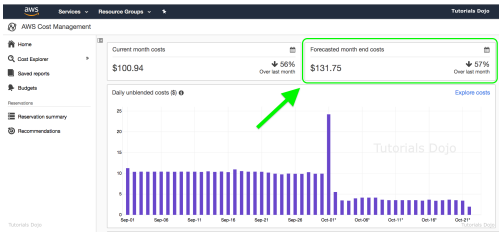
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

that analyze cost and usage data, both at a high level and for highly-specific requests. Using AWS Cost Explorer, you can dive deeper into your cost and usage data to identify trends, pinpoint cost drivers, and detect anomalies.



When you first sign up for Cost Explorer, AWS prepares the data about your costs for the current month and the last three months, and then calculates the forecast for the next three months. The current month's data is available for viewing in about 24 hours. The rest of your data takes a few days longer. Cost Explorer updates your cost data at least once every 24 hours. After you sign up, Cost Explorer can display up to 12 months of historical data (if you have that much), the current month, and the forecasted costs for the next three months. The first time that you use Cost Explorer, Cost Explorer walks you through the main parts of the console with an explanation for each section. You can trigger this walkthrough at a later time as well.

Hence, **AWS Cost Explorer** is the correct answer.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS Budgets is incorrect because this service will just give you the ability to set custom budgets that alert you when your costs or usage exceed (or are forecasted to exceed) your budgeted amount. You can also use AWS Budgets to set reservation utilization or coverage targets and receive alerts when your utilization drops below the threshold you define.

AWS Cost & Usage Report is incorrect because this simply lists AWS usage for each service category used by an account and its IAM users in hourly or daily line items, as well as any tags that you have activated for cost allocation purposes. You can also customize the AWS Cost & Usage Report to aggregate your usage data to the daily or hourly level.

AWS Consolidated Billing is incorrect because this is merely a feature in AWS Organizations to consolidate billing and payment for multiple AWS accounts or multiple Amazon Internet Services Pvt. Ltd accounts. Every organization in AWS Organizations has a *master* account that pays the charges of all the *member* accounts. You can combine the usage across all accounts in the organization to share the volume pricing discounts and Reserved Instance discounts.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://aws.amazon.com/aws-cost-management/aws-cost-explorer/

https://docs.aws.amazon.com/account-billing/index.html

Check out this AWS Billing and Cost Management Cheat Sheet:

https://tutorialsdojo.com/aws-billing-and-cost-management/

59. QUESTION

Which of the following are valid use cases supported by Amazon CloudFront? (Select TWO.)

- [x] Static asset caching
- [ ] Automated Backups
- [ ] Schema Conversion
- [ ] Serverless Interactive Query
- [x] Live and on-demand video streaming

Correct

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

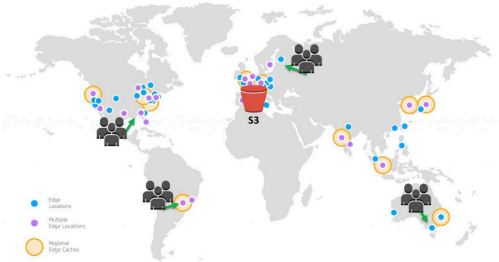
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Amazon CloudFront is a content delivery network service that securely delivers data, videos, applications, and APIs to customers globally with low latency, high transfer speeds, all within a developer-friendly environment. CloudFront is integrated with AWS – both physical locations that are directly connected to the AWS global infrastructure, as well as other AWS services.



Amazon CloudFront use cases are:

Static asset caching – speed up the delivery of your static content to viewers across the globe.

Live & on-demand video streaming – multiple options for streaming your media – both pre-recorded files and live events at sustained, high throughput required for 4K delivery to global viewers.

Security – integrates seamlessly with AWS Shield for Layer 3/4 DDoS mitigation and AWS WAF for Layer 7 protection.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Customizable content delivery with Lambda@Edge – run your code across AWS locations globally, allowing you to respond to your end-users at the lowest latency and allowing you to personalize content.

Dynamic content & API acceleration – secure and accelerate your WebSocket traffic as well as API calls.

Software distribution – scales automatically as globally-distributed clients download software updates.

Hence, the correct options that correctly describe Amazon CloudFront are:

– **Static asset caching**

– **Live & on-demand video streaming**

Schema Conversion is incorrect because this is a process that is not related to content delivery. Schema conversion is used to convert your existing database schema to a different database engine. This option is only supported in Database Migration Service.

Automated Backups is incorrect because this is an Amazon RDS feature that creates and saves automated backups of your DB

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

instance during the backup window of your DB instance. CloudFront is not capable of doing automated backups of your instances.

Serverless Interactive Query is incorrect because this is a capability that Amazon Athena provides. You only pay for the queries that you run and get better performance by compressing, partitioning, and converting your data into columnar formats. Since the question asks about the benefits of CloudFront, this option is wrong.

References:

https://aws.amazon.com/cloudfront/

https://docs.aws.amazon.com/AmazonCloudFront/la

Check out this Amazon CloudFront Cheat Sheet:

https://tutorialsdojo.com/amazon-cloudfront/

60. QUESTION

Which service allows you to send, store, and receive messages between software components at any volume, without losing messages or requiring other services to be available?

Amazon SQS

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

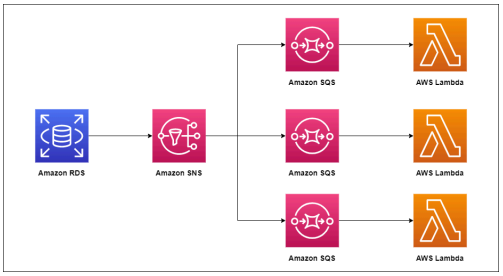
~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- Amazon S3
- Amazon Route 53
- Amazon SES

Correct

Amazon Simple Queue Service (SQS) is a fully managed message queuing service that enables you to decouple and scale microservices, distributed systems, and serverless applications. SQS eliminates the complexity and overhead associated with managing and operating message-oriented middleware, and empowers developers to focus on differentiating work. Using SQS, you can send, store, and receive messages between software components at any volume, without losing messages or requiring other services to be available.



You can get started with SQS in minutes using the AWS console, Command Line Interface or SDK of

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

your choice, and three simple commands. SQS offers two types of message queues. Standard queues offer maximum throughput, best-effort ordering, and at-least-once delivery. SQS FIFO queues are designed to guarantee that messages are processed exactly once, in the exact order that they are sent.

Hence, the correct answer is **Amazon SQS**.

Amazon S3 is incorrect because it is designed to store and retrieve any amount of data from anywhere on the web, not to handle messages between software components.

Amazon Route 53 is incorrect since this is a DNS web service in AWS.

Amazon SES is incorrect since this is a cloud-based email sending service.

References:

https://aws.amazon.com/sqs/

https://docs.aws.amazon.com/AWSSimpleQueueSer

Check out this Amazon SQS Cheat Sheet:

https://tutorialsdojo.com/amazon-sqs/

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

61. QUESTION

Which of the following services simplifies contact center operations, improves agent efficiency, lowers costs, and can scale to support millions of customers?

- Amazon Lex
- Amazon Connect
- AWS Direct Connect
- Amazon WorkSpaces

Correct

Amazon Connect provides a seamless experience across voice and chats for your customers and agents. This includes one set of tools for skills-based routing, powerful real-time and historical analytics, and easy-to-use intuitive management tools – all with pay-as-you-go pricing, which means Amazon Connect simplifies contact center operations, improves agent efficiency, and lowers costs. You can set up a contact center in minutes that can scale to support millions of customers.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

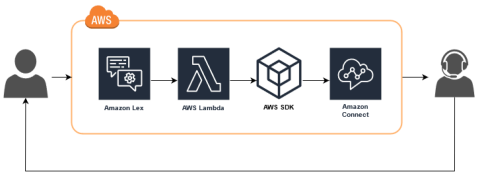
~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...



With Amazon Connect, you can create personalized experiences for your customers (based on customer preference and estimated wait times). And the agents will be able to chat with customers and create or respond to tasks in just one interface.

Hence, the correct answer is: **Amazon Connect.**

Amazon Lex is incorrect because this is just a service for building conversational interfaces into any application using voice and text. It is used to build chatbots for everyday consumer requests, such as accessing the latest news updates, game scores, or weather.

Amazon WorkSpaces is incorrect since it is not an omnichannel cloud contact center service. WorkSpaces is simply a secure cloud desktop service, which allows you to provision either Windows or Linux desktops in only a few minutes, and quickly scale to provide thousands of desktops to workers across the globe.

AWS Direct Connect is incorrect because this is not related to contact center operations. Direct Connect is a cloud service solution

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

that makes it easier for you to establish a dedicated network connection from your on-premises network to AWS.

References:

https://aws.amazon.com/connect/

https://docs.aws.amazon.com/connect/latest/admin
is-amazon-connect.html

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/

62. QUESTION

A company wants to ensure its employees can easily find and deploy approved IT services on AWS to preserve compliance with organizational policies.

Which AWS service can help them achieve this goal?

- AWS CloudTrail
- AWS Lambda
- AWS Service Catalog
- AWS CloudFormation

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

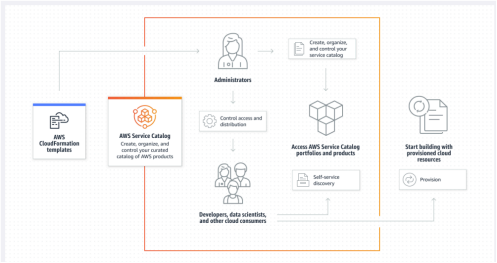
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Correct

AWS Service Catalog is a service that allows companies to establish and oversee the lists of IT services that are approved for use on AWS. In this way, it enables employees to easily find and deploy the services while assuring adherence to organizational standards and policies.



Thus, companies that use cloud-based services like AWS need help to manage and ensure compliance with organizational policies and standards due to the large and complex IT services available. This can lead to difficulties finding and using the right services and potential security risks. **AWS Service Catalog** provides a centralized location where employees can easily find and deploy the right services while maintaining compliance with organizational policies and reducing the risk of security breaches.

Hence, the correct answer is: **AWS Service Catalog.**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

AWS CloudFormation is incorrect because this service enables you to create and manage AWS resources using templates. However, it can enforce organizational regulations.

AWS Lambda is incorrect because this serverless computing service manages to compute resources and executes code in response to events. However, you can use it to develop custom IT services.

AWS CloudTrail is incorrect because this service allows you to monitor AWS account activities. This service does not offer a central location for managing IT services approved for usage on AWS.

References:

https://aws.amazon.com/servicecatalog/

https://docs.aws.amazon.com/servicecatalog/latest/

https://aws.amazon.com/servicecatalog/best-practices/

Check out this AWS Service Catalog Cheat Sheet:

https://tutorialsdojo.com/aws-service-catalog/

63. QUESTION

What is the difference between an Availability Zone and a Local Zone?

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

- An Availability Zone is an extension of an AWS Region in geographic proximity to your users. A Local Zone is an isolated location within an AWS region
- An Availability Zone is a separate geographic area. A Local Zone delivers cached content to the closest location to reduce latency for users.
- An Availability Zone is an isolated location within an AWS region. A Local Zone is an extension of an AWS Region in geographic proximity to your users.
- An Availability Zone delivers cached content to the closest location to reduce latency for users. A Local Zone is an extension of an AWS Region in geographic proximity to your users.

Correct

An **Availability Zone (AZ)** is one or more discrete data centers with redundant power, networking, and

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

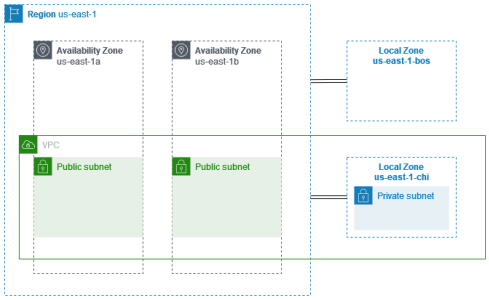
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

connectivity in an AWS Region. AZ's give customers the ability to operate production applications and databases that are more highly available, fault-tolerant, and scalable than would be possible from a single data center.



AWS Local Zones are managed and supported by AWS, bringing you all of the elasticity, scalability, and security benefits of the cloud. Each AWS Local Zone location is an extension of an AWS Region where you can run your latency-sensitive applications using AWS services such as Amazon Elastic Compute Cloud, Amazon Virtual Private Cloud, Amazon Elastic Block Store, Amazon File Storage, and Amazon Elastic Load Balancing in geographic proximity to end-users.

Hence, the correct option is: **An Availability Zone is an isolated location within an AWS region. A Local Zone is an extension of an AWS Region in geographic proximity to your users.**

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

The option that says: **An Availability Zone is a separate geographic area. A Local Zone delivers cached content to the closest location to reduce latency for users** is incorrect because this describes an AWS Region and Edge Location respectively. AWS Region consists of multiple, isolated, and physically separate AZ's within a geographic area while an Edge Location delivers cached content to the closest location to reduce latency for users.

The option that says: **An Availability Zone delivers cached content to the closest location to reduce latency for users. A Local Zone is an extension of an AWS Region in geographic proximity to your users** is incorrect because the first statement describes an Edge Location. An Availability Zone is an isolated location within an AWS region and it doesn't deliver cached content.

The option that says: **An Availability Zone is an extension of an AWS Region in geographic proximity to your users. A Local Zone is an isolated location within an AWS region** is incorrect because the descriptions for the Local Zone and Availability Zone are swapped.

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

References:

https://aws.amazon.com/about-aws/global-infrastructure/regions_az/

https://docs.aws.amazon.com/AWSEC2/latest/UserG
regions-availability-zones.html

Check out this AWS Global Infrastructure Cheat Sheet:

https://tutorialsdojo.com/aws-global-infrastructure/

64. QUESTION

Which service should a company use to centrally manage account policies and consolidate billing across multiple AWS accounts?

- AWS Budgets
- AWS Trusted Advisor
- AWS Organizations
- AWS Cost Explorer

Incorrect

AWS Organizations helps you centrally govern your environment as you grow and scale your workloads on AWS. Whether you are a growing startup or a large

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

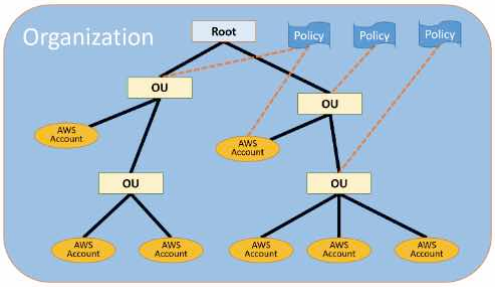
~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

enterprise, Organizations helps you to centrally manage billing; control access, compliance, and security; and share resources across your AWS accounts.

Using AWS Organizations, you can automate account creation, create groups of accounts to reflect your business needs, and apply policies for these groups for governance. You can also simplify billing by setting up a single payment method for all of your AWS accounts. Through integrations with other AWS services, you can use Organizations to define central configurations and resource sharing across accounts in your organization. AWS Organizations is available to all AWS customers at no additional charge.



Hence, the correct answer is **AWS Organizations**.

AWS Budgets is incorrect because it only gives you the ability to set custom budgets that alert you when your costs or usage exceed (or are forecasted to exceed) your budgeted amount. You can also use AWS Budgets to set

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

reservation utilization or coverage targets and receive alerts when your utilization drops below the threshold you define.

AWS Trusted Advisor is incorrect because this is just an online tool that provides you real-time guidance to help you provision your resources following AWS best practices.

AWS Cost Explorer is incorrect because it only lets you visualize, understand, and manage your AWS costs and usage over time. You cannot define any threshold using this service, unlike AWS Budgets.

References:

https://aws.amazon.com/organizations/

https://docs.aws.amazon.com/awsaccountbilling/late
what-is.html

Check out this AWS Organizations Cheat Sheet:

https://tutorialsdojo.com/aws-organizations/

65. QUESTION

A customer wants to run their application in the cloud via EC2 instances. Their code is currently

stored in Github. Which tool could they use to launch their code onto EC2 instances?

100% Complete
Last activity on August 16, 2023

- AWS CloudFormation
- AWS CodeCommit
- AWS CodeDeploy
- Amazon Kinesis

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Incorrect

AWS CodeDeploy is a deployment service that automates application deployments to Amazon EC2 instances, on-premises instances, serverless Lambda functions, or Amazon ECS services. CodeDeploy can deploy application content that runs on a server and is stored in Amazon S3 buckets, GitHub repositories, or Bitbucket repositories. CodeDeploy can also deploy a serverless Lambda function. You do not need to make changes to your existing code before you can use CodeDeploy.

When you deploy to an AWS Lambda compute platform, the deployment configuration

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

~~Practice Exams – Review Mode~~ 1 Topic

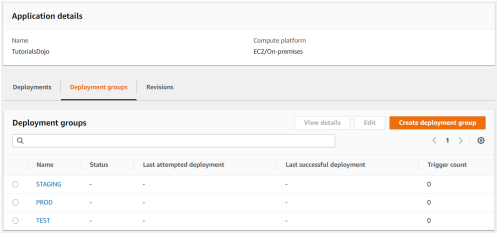
~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

specifies the way traffic is shifted to the new Lambda function versions in your application.



Hence, the correct answer is: **AWS CodeDeploy**.

AWS CodeCommit is incorrect since it is a fully-managed source control service that hosts secure Git-based repositories. It does not deploy code to instances.

AWS CloudFormation is incorrect because it only lets you create infrastructure as code. This service cannot deploy applications using the code stored in GitHub, you need to create a template first and upload it in CloudFormation to deploy resources.

Amazon Kinesis is incorrect because this is just a data streaming service in AWS. This service does not deploy applications.

References:

https://docs.aws.amazon.com/codedeploy/latest/use configurations.html

https://docs.aws.amazon.com/codedeploy/latest/use

100% Complete
Last activity on August 16, 2023

~~Practice Exams – Timed Mode~~ 1 Topic

AWS Certified Cloud Practitioner Practic

Timed Mode Diagnostic Test – AWS Cert

Timed Mode Set 1 – AWS Certified Clouc

Timed Mode Set 2 – AWS Certified Clouc

Timed Mode Set 3 – AWS Certified Clouc

Timed Mode Set 4 – AWS Certified Clouc

Timed Mode Set 5 – AWS Certified Clouc

Timed Mode Set 6 – AWS Certified Clouc

~~Practice Exams – Review Mode~~ 1 Topic

~~Practice Exams – Section-Based~~ 1 Topic

~~Final Test~~ 1 Topic

~~BONUS SECTION – FLASHCAR~~... 2 Topics

~~Additional Resources for the AWS Certifi~~...

Check out this AWS CodeDeploy Cheat Sheet:

https://tutorialsdojo.com/aws-codedeploy/

Tutorials Dojo's AWS Certified Cloud Practitioner Exam Study Guide:

https://tutorialsdojo.com/aws-certified-cloud-practitioner/