SET 1

Total points 33/50 ?

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0 of 0 points

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Questions   33 of 50 points

✓ A company is releasing a business-critical application. Before the release,   1/1
   the company needs strategic planning assistance from AWS. During the
   release, the company needs AWS infrastructure event management and
   real-time support.
   What should the company do to meet these requirements?

   ○ Access AWS Trusted Advisor

   ○ Contact the AWS Partner Network (APN)

   ⦿ Sign up for AWS Enterprise Support   ✓

   ○ Contact AWS Professional Services

✓ Which pillar of the AWS Well-Architected Framework focuses on the ability   1/1
   to recover automatically from service interruptions?

○ Security

○ Performance efficiency

○ Operational excellence

◉ Reliability   ✓

✓ A company wants to migrate critical on-premises production systems to   1/1
   Amazon EC2 instances. The production instances will be used for at least
   3 years. The company wants a pricing option that will minimize cost.
   Which solution will meet these requirements?

○ On-Demand Instances

◉ Reserved Instances   ✓

○ Spot Instances

○ AWS Free Tier

✗ A company wants to visualize and manage AWS Cloud costs and usage for 0/1
   a specific period of time.
   Which AWS service or feature will meet these requirements?

○ Cost Explorer

⦿ Consolidated Billing   ✗

○ AWS Organizations

○ AWS Budgets

Correct answer

⦿ Cost Explorer

✓ A company plans to migrate its application from on premises to the AWS   1/1
   Cloud. The company needs to gather usage and configuration data for the
   application components.
   Which AWS service will meet these requirements?

○ AWS Data Migration Service (AWS DMS)

○ AWS Transfer Family

⦿ AWS Application Discovery Service   ✓

○ AWS Global Accelerator

✕   A company wants to build, train, and deploy machine learning (ML) models. 0/1
    Which AWS service can the company use to meet this requirement?

⦿   Amazon Personalize   ✕

◯   Amazon Comprehend

◯   Amazon Forecast

◯   Amazon SageMaker

Correct answer

⦿   Amazon SageMaker

✕   A company has moved all its infrastructure to the AWS Cloud. To plan   0/1
    ahead for each quarter, the finance team wants to track the cost and usage
    data of all resources from previous months. The finance team wants to
    automatically generate reports that contains the data.
    Which AWS service or feature should the finance team use to meet these
    requirements?

◯   Amazon Detective

⦿   AWS Pricing Calculator   ✕

◯   AWS Budgets

◯   AWS Savings Plan

Correct answer

⦿   AWS Budgets

✓ A company wants to use an AWS networking solution that can act as a   1/1
centralized gateway between multiple VPC and on-premises network
Which AWS services or feature will meet this requirement?

○ Gateway VPC endpoint

○ AWS Direct Connect

◉ AWS Transit Gateway   ✓

○ AWS PrivateLink

✓ Which design principle is related to the reliability pillar according to the   1/1
AWS Well-Architected Framework?

◉ Test recovery procedures   ✓

○ Experiment more often

○ Go global in minutes

○ Analyze and attribute to expenditure

✓ A company has multiple SQL-based database located in a data-center. The 1/1
company needs to migrate all database servers to the AWS Cloud to
reduce the cost of the operating physical service.
Which AWS service or resource will meet these requirements with the
LEAST operational overhead?

○ Amazon EC2 instances

◉ Amazon RDS   ✓

○ Amazon DynamoDB

○ OpenSearch

✓ A company has developed a new In-house application. The company does 1/1
not have a way to determine or predict the usage demand that the
application will create.
Which AWS Cloud computing benefit is the company seeking?

○ Easy to use

○ Cost-effective

○ Secure

◉ Scalable and high performance   ✓

✓ A company has multiple AWS accounts. The company needs to receive a 1/1
consolidated bill from AWS and must centrally manage security and
compliance.
Which AWS service or feature should the company use to meet these
requirements?

○ AWS Cost and Usage Report

◉ AWS Organizations   ✓

○ AWS Config

○ AWS Security Hub

✓ A company needs to use some of its workloads on premises to comply   1/1
with regulatory guidelines. The company wants to use the AWS Cloud to
run workloads that are not required to be on premises. The company also
wants to be able to use the same API calls for the on-premises workloads
and the cloud workloads.
Which AWS service or feature should the company use to meet these
requirements?

○ Dedicated Hosts

◉ AWS Outposts   ✓

○ Availability Zones

○ AWS Wavelength

✓ In which situations should a company create an IAM user instead of an   1/1
IAM role?

○ When an application that runs on Amazon EC2 instances requires access to other
AWS services

◉ When the company creates AWS access credentials for individuals   ✓

○ When the company creates an application that runs on a mobile phone that makes
request to AWS

○ When the company needs to add users to IAM groups.

○ When users are authenticated in the corporate network and want to be able to use
AWS without having to sign in a second time

✕ **What is the recommended use case for Amazon EC2 On-Demand Instances?**   0/1

○ A steady-state workload that requires a particular EC2 instance configuration for a long period of time

◉ A workload that can be interrupted for a project that requires the lowest possible cost   ✕

○ An unpredictable workload that es not require a long-term commitment

○ A workload that is expected to run for longer than 1 year

Correct answer

◉ An unpredictable workload that es not require a long-term commitment

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✓ **Which AWS service supports MySQL database engines?**   1/1

○ Amazon DynamoDB

◉ Amazon RDS   ✓

○ Amazon DocumentDB (with MongoDB compatibility)

○ Amazon ElastiCache

✓ **What is the total volume of data that can be stored in Amazon S3?**   1/1

○ 10 PB

○ 50 PB

○ 100 PB

◉ Virtually unlimited   ✓

✓ A company needs to run an application on Amazon EC2 instances without   1/1
interruption.
Which EC2 instance purchasing option will meet this requirement MOST
cost-effective?

◉ Standard Reserved Instances   ✓

○ Convertible Reserved Instances

○ On-Demand Instances

○ Spot Instances

✓ Which option is an advantage of AWS Cloud computing that minimizes   1/1
variable costs?

○ High availability

◉ Economies of scale   ✓

○ Global reach

○ Agility

✕ For which use case are Amazon EC2 On-Demand Instances MOST cost-   0/1
effective?

○ Compute-intensive video transcoding that can be restarted if necessary

○ An instance in continual use for 1 month to conduct quality assurance tests

○ An instance that runs a web server that will run for 1 year

◉ An instance that runs a database that will run for 3 years   ✕

Correct answer

◉ An instance in continual use for 1 month to conduct quality assurance tests

✕ A company purchased Amazon EC2 Standard Reserved Instances (RIs) for 0/1
a workload in the AWS Cloud. The company needs to move part of the
workload to an instance family that does not match the instance family of
these Standard RIs.
How can the company take advantage of the Standard RIs that it no longer
needs?

○ Contact the AWS support team, and ask the team to sell the Standard Ris

○ Sell the Standard Ris on the Amazon EC2 Reserved Instance Marketplace

○ Sell the Standard RIs as a third-party seller on the AWS Marketplace

◉ Convert the Standard RIs to Saving plans   ✕

Correct answer

◉ Sell the Standard Ris on the Amazon EC2 Reserved Instance Marketplace

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✕ A company wants to transfer a virtual Windows Server 2022 that is   0/1
currently running in its own data center to AWS. The company wants to
automatically convert the existing server to run directly on AWS
infrastructure instead of visualized hardware.
Which AWS service will meet these requirements?

○ AWS DataSync

◉ AWS Database Migration Service (AWS DMS)   ✕

○ AWS Application Discovery Service

○ AWS Application Migration Service

Correct answer

◉ AWS Application Migration Service

✕ A company stores data in Amazon S3 bucket.   0/1
   Which task is the responsibility of AWS?

○ Configure an S3 Lifecycle policy.

○ Activate S3 versioning

◉ Configure S3 bucket policies   ✕

○ Protect the infrastructure that supports S3 storage.

Correct answer

◉ Protect the infrastructure that supports S3 storage.

✕ A company wants to deploy a web application as a containerized   0/1
   application. The company wants to use a managed service that can
   automatically create container images from source code and deploy the
   containerized application.
   Which AWS service will meet these requirements?

○ AWS Elastic Beanstalk

◉ Amazon Elastic Container Service (Amazon ECS)   ✕

○ AWS App Runner

○ Amazon EC2

Correct answer

◉ AWS App Runner

✓ A company deployed an application in multiple AWS Region around the   1/1
world. The company wants to improve the application's performance and
availability.
Which AWS service will meet these requirements?

◉ AWS Global Accelerator   ✓

○ Amazon DataZone

○ AWS Cloud Map

○ AWS Auto Scaling

✓ A company wants to provide low latency to its users around the world.   1/1
Which feature of the AWS Cloud meet this requirement?

◉ Global infrastructure   ✓

○ Pay as-you-go pricing

○ Managed services

○ Economy of scale

✓ A company wants to migrate to AWS Cloud. The company needs the ability   1/1
to acquire resources when the resources are necessary. The company also
needs the ability to release those resources when the resources are no
longer necessary.
Which architecture concept of the AWS Cloud meets these requirements?

◉ Elasticity   ✓

○ Availability

○ Reliability

○ Durability

✓ A company wants a fully managed service that centralizes and automates 1/1
   data protection across AWS services and hybrid workloads.
   Which AWS service will meet these requirements?

○ AWS Artifact

◉ AWS Backup   ✓

○ AWS Batch

○ AWS Shield

✓ A company is planning to migrate to the AWS Cloud. The company is 1/1
   conducting organizational transformation and wants to become more
   responsive to customer inquiries and feedback.
   Which task should the company perform to meet these requirements,
   according to the AWS Cloud Adaptation Framework (AWS CAF)? (Choose
   two)

☑ Realign teams to focus on products and value streams.   ✓

☐ Create new value proposition wth new products and services

☑ Use agile methods to rapidly iterate and evolve.   ✓

☐ Use a new data and analytics platform to create actionable insights

☐ Migrate and modernize legacy infrastructure

✓ Which AWS Well-Architected Framework concept represents a system's   1/1
   ability to remain functional when the system encounters operational
   problems?

○ Consistency

○ Elasticity

◉ Durability   ✓

○ Latency

✓ An administrator observed that multiple AWS resources were deleted   1/1
   yesterday.
   Which AWS services will help identify the cause and determine which user
   deleted the resources?

◉ AWS CloudTrail   ✓

○ Amazon Inspector

○ Amazon GuardDuty

○ AWS Trusted Advisor

✓   A company that is planning to migrate to the AWS Cloud is based in an   1/1
    isolated area that has limited internet connectivity. The company needs to
    perform local data processing on premises. The company needs a solution
    that can operate without a stable internet connection.
    Which AWS service will meet these requirements?

○   Amazon S3

◉   AWS Snowball Edge   ✓

○   AWS Storage Gateway

○   AWS Backup

✓   Which AWS service or tool provides recommendations to help users get   1/1
    rightsized Amazon EC2 instances based on historical workload usage
    data?

○   AWS Pricing Calculator

◉   AWS Compute Optimizer   ✓

○   AWS App Runner

○   AWS System Manager

✓ A company hosts a web application on AWS. The company has improved   1/1
   the availability of its application by provisioning multiple Amazon EC2
   instances. The company wants to distribute its traffic across the EC2
   instances while providing a single point of contact to the web clients.
   Which AWS service can distribute the traffic to multiple EC2 instances as
   targets?

○ VPC endpoints

◉ Application Load Balancer   ✓

○ NAT gateway

○ Internet gateway

✗ A company wants to improve employee productivity by providing a way for 0/1
   employees to search for questions and retrieve specific answers. The
   company wants to use a single intelligent search interface.
   Which AWS service will meet these requirements?

○ Amazon Connect

○ Amazon Kendra

○ Amazon Lex

◉ Amazon Comprehend   ✗

Correct answer

◉ Amazon Kendra

✓ A company plans to on board new employees that will be working   1/1
remotely. The company needs to set up Windows virtual desktops to create
a working environment for the new employees. The company must be able
to access the working environment from anywhere and by using their
computer or a web browser.
Which AWS service or feature will meet these requirements?

○ Dedicated Hosts

○ AWS Global Accelerator

◉ Amazon Workspaces   ✓

○ Amazon Cloudfront

✗ Which type of workload should a company run on Amazon EC2 Spot   0/1
Instance?

○ A steady-state workload that requires a particular EC2 instance configuration for a
long period of time

○ A workload that can be interrupted and can control cost

◉ A steady-state workload that does not require a long-term commitment   ✗

○ A workload that cannot be interrupted and can control costs

Correct answer

◉ A workload that can be interrupted and can control cost

✓   A company wants to explore and analyze data in Amazon S3 by using a   1/1
    programming language.
    Which AWS service will meet these requirements?

○   Amazon Kendra

◉   Amazon Athena   ✓

○   Amazon Comprehend

○   Amazon SageMaker

✓   To assist companies with Payment Card INdustry Data Security Standard   1/1
    (PCI DSS) compliance in the cloud. AWS provides:

○   physical Inspections of data centers by appointment.

○   required PCI compliance certifications for any application running on AWS.

◉   an AWS Attestation of Compliance (AOC) report for specific AWS services.   ✓

○   professional PCI compliance services.

✕   A company has data lakes designed for high performance computing   0/1
    (HPC) workloads.
    Which Amazon EC2 instance type should the company use to meet these
    requirements?

◉   General purpose instances   ✕

○   Compute optimized instances

○   Memory Optimized instances

○   Storage optimized instances

Correct answer

◉   Compute optimized instances

✕   Which design principle aligns with performance efficiency pillar of the AWS   0/1
    Well-Architected Framework?

○   Using serverless architecture

○   Scaling horizontally

○   Measuring the cost of workloads

◉   Using managed services   ✕

Correct answer

◉   Scaling horizontally

✓ Which AWS service is fully managed NoSQL database service?   1/1

◉ Amazon DynamoDB   ✓

○ Amazon RDS

○ Amazon Redshift

○ Amazon Aurora

✗ A company wants to build graph queries for real-time fraud pattern   0/1
   detection.
   Which AWS service will meet this requirement?

○ Amazon Neptune

○ Amazon DynamoDB

○ Amazon Timestream

◉ Amazon Forecast   ✗

Correct answer

◉ Amazon Neptune

✓ Which AWS offering can analyze a company's AWS environment to   1/1
   discover security vulnerabilities on Amazon EC2 instances?

◉ Amazon Inspector   ✓

○ Amazon Macie

○ AWS Shield Standard

○ Security groups

✓ A company wants to migrate its on-premises SQL Server database to the AWS Cloud. The company wants AWS to handle the day-to-day administration of the database.
Which AWS service will meet the company's requirements?

1/1

○ Amazon EC2 for Microsoft SQL Server

○ Amazon DynamoDB

◉ Amazon RDS ✓

○ Amazon Aurora

✓ A company needs stateless network filtering for its VPC.
Which AWS services, tool, or feature will meet this requirement?

1/1

○ AWS PrivateLink

○ Security group

◉ Network access control list (ACL) ✓

○ AWS WAF

✗ Which AWS Cloud Adoption Framework (AWS CAF) perspective focuses on real-time insights and answers questions about strategy?

0/1

◉ Operations ✗

○ People

○ Business

○ Platform

Correct answer

◉ Business

✕ A company wants an Amazon S3 solution that provides access to object   0/1
   storage within single-digit miliseconds.
   Which solution will meet these requirements?

○ S3 Express One Zone

○ S3 Standard

○ S3 Glacier Flexible Retrieval

◉ S3 Glacier Instant Retrieval   ✕

Correct answer

◉ S3 Express One Zone

✓ A company wants to migrate its server-based applications to the AWS   1/1
   Cloud. The company wants to determine the total cost of ownership for its
   compute resources that will be hosted on the AWS Cloud.

   Which combination of AWS services or tools will meet these requirements?
   (Choose Two)

☑ AWS Pricing Calculator   ✓

☑ Migration Evaluator   ✓

☐ AWS Support Center

☐ AWS Application Discovery Service

☐ AWS Database Migration Service (AWS DMS)

✕ **Which benefits does a company gain when the company moves from on-premises IT architecture to the AWS Cloud? (choose two)**   0/1

☐ Reuced or eliminated tasks for hardware troubleshooting, capacity planning, and procurement

☐ Elimination of the need for trained IT staff

☑ Automatic security configuration of all the applications that are migrated to the cloud   ✕

☐ Elimination of the need for disaster recovery planning

☑ Faster deployment of new features and applications   ✓

Correct answer

☑ Reuced or eliminated tasks for hardware troubleshooting, capacity planning, and procurement

☑ Faster deployment of new features and applications

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