AWS Practitioner test questions

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

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

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

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

**URL:**[http://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/cost-explorer-what-is.html](https://docs.aws.amazon.com/awsaccountbilling/latest/aboutv2/cost-explorer-what-is.html)

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

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

Link: [http://docs.aws.amazon.com/AmazonS3/latest/dev/transfer-acceleration.html](https://docs.aws.amazon.com/AmazonS3/latest/dev/transfer-acceleration.html)

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

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

*5: What best describes the “Principle of Least Privilege”? Choose the correct answer from the options given below.*

**A.** All users should have the same baseline permissions granted to them to use basic AWS services.  
**B.** Users should be granted permission to access only resources they need to do their assigned job.  
**C.** Users should submit all access requests in written form so that there is a paper trail of who needs access to different AWS resources.  
**D.** Users should always have a little more permission than they need.

*6: A web administrator maintains several public and private web-based resources for an organization. Which service can they use to keep track of the expiry dates of SSL/TLS certificates as well as updating and renewal?*

**A.** AWS Data Lifecycle Manager  
**B.** AWS License Manager  
**C.** AWS Firewall Manager  
**D.** AWS Certificate Manager

<https://aws.amazon.com/certificate-manager/>

-AWS Lifecycle Manager creates life cycle policies for specified resources to automate operations. <https://docs.aws.amazon.com/dlm/?id=docs_gateway>

 -AWS License Manager serves the purpose of differentiating, maintaining third-party software provisioning vendor licenses. It also decreases the risk of license expirations and the penalties. <https://docs.aws.amazon.com/license-manager/?id=docs_gateway>

-AWS Firewall Manager aids in the administration of Web Application Firewall (WAF), by presenting a centralized point of setting firewall rules across different web resources. <https://docs.aws.amazon.com/firewall-manager/?id=docs_gateway>

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

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

URL:<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/EBSSnapshots.html>

*8: Which of the following services can be used as an application firewall in AWS?*

**A.** AWS Snowball  
**B.** AWS WAF  
**C.** AWS Firewall  
**D.** AWS Protection

URL:<https://docs.aws.amazon.com/waf/latest/developerguide/waf-chapter.html>  
<https://aws.amazon.com/snowball/?whats-new-cards.sort-by=item.additionalFields.postDateTime&whats-new-cards.sort-order=desc>

*9: Your design team is planning to design an application that will be hosted on the AWS Cloud. One of their main non-functional requirements is given below:*  
*Reduce inter-dependencies so failures do not impact other components.*  
*Which of the following concepts does this requirement relate to?*

**A.** Integration  
**B.** Decoupling  
**C.** Aggregation  
**D.** Segregation

URL: <http://whatis.techtarget.com/definition/decoupled-architecture>

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

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

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

URL: <https://aws.amazon.com/premiumsupport/technology/personal-health-dashboard/>

*11: Which of the following AWS services can be used to retrieve configuration changes made to AWS resources causing operational issues?*

**A.** Amazon Inspector  
**B.** AWS CloudFormation  
**C.** AWS Trusted Advisor  
**D.** AWS Config

URL:[https://docs.aws.amazon.com/config/latest/developerguide/WhatIsConfig.html](https://aws.amazon.com/config/faq/)

*12: An organization runs several EC2 instances inside a VPC using three subnets, one for Development, one for Test, and one for Production. The Security team has some concerns about the VPC configuration. It requires restricting communication across the EC2 instances using Security Groups.*

*Which of the following options is true for Security Groups related to the scenario?*

**A.** You can change a Security Group associated with an instance if the instance is in the running state.  
**B.** You can change a Security Group associated with an instance if the instance is in the hibernate state.  
**C.** You can change a Security Group only if there are no instances associated to it.  
**D.** The only Security Group you can change is the Default Security Group.

**Reference:**<https://docs.aws.amazon.com/en_pv/vpc/latest/userguide/VPC_SecurityGroups.html>

*13: Which of the following features of Amazon RDS allows for better availability of databases? Choose the answer from the options given below.*

**A.** VPC Peering  
**B.** Multi-AZ  
**C.** Read Replicas  
**D.** Data encryption

 AWS RDS, please visit the FAQ Link:<https://aws.amazon.com/rds/faqs/>

*14: Your company wants to move an existing Oracle database to the AWS Cloud. Which of the following services can help facilitate this move?*

**A.** AWS Database Migration Service  
**B.** AWS VM Migration Service  
**C.** AWS Inspector  
**D.** AWS Trusted Advisor

URL:<https://aws.amazon.com/dms/>

*15: Which of the following services allows you to analyze EC2 Instances against pre-defined security templates to check for vulnerabilities?*

**A.** AWS Trusted Advisor  
**B.** AWS Inspector  
**C.** AWS WAF  
**D.** AWS Shield

URL:<https://docs.aws.amazon.com/inspector/latest/userguide/inspector_introduction.html>

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

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

<https://aws.amazon.com/about-aws/whats-new/2020/07/cloudfront-geolocation-headers/>  
<https://aws.amazon.com/blogs/networking-and-content-delivery/leverage-amazon-cloudfront-geolocation-headers-for-state-level-geo-targeting/>

*17: Which of the following can be used to protect against DDoS attacks? Choose 2 answers from the options given below.*

**A.** AWS EC2  
**B.** AWS RDS  
**C.** AWS Shield  
**D.** AWS Shield Advanced

URL:<https://docs.aws.amazon.com/waf/latest/developerguide/ddos-overview.html>

*18: Which of the following are the recommended resources to be deployed in the  Amazon VPC private subnet?*

**A.** NAT Gateways  
**B.** Bastion Hosts  
**C.** Database Servers  
**D.** Internet Gateways

URL:<https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Networking.html>  
<https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Internet_Gateway.html>  
<https://docs.aws.amazon.com/vpc/latest/userguide/vpc-nat.html>  
<https://aws.amazon.com/blogs/security/how-to-record-ssh-sessions-established-through-a-bastion-host/>

#### 19: A company wants to utilize AWS storage. For them, low storage cost is paramount. The data is rarely retrieved and a data retrieval time of 13-14 hours is acceptable for them. What is the best storage option to use?

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

[https://docs.aws.amazon.com/amazonglacier/latest/dev/introduction.html](https://aws.amazon.com/documentation/glacier/)  
<https://docs.aws.amazon.com/prescriptive-guidance/latest/backup-recovery/amazon-s3-glacier.html>  
<https://aws.amazon.com/s3/storage-classes/>

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

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

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

URL:[http://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Introduction.html](https://docs.aws.amazon.com/amazondynamodb/latest/developerguide/Introduction.html)

*21: For which of the following AWS resources, the Customer is responsible for the infrastructure-related security configurations?*

**A.** Amazon RDS  
**B.** Amazon DynamoDB  
**C.** Amazon EC2  
**D.** AWS Fargate

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

*22: In the shared responsibility model for infrastructure services, such as Amazon Elastic Compute Cloud, which of the below two are customers responsibility?*

**A.** Network infrastructure  
**B.** Amazon Machine Images (AMIs)  
**C.** Virtualization infrastructure  
**D.** Physical security of hardware  
**E.** Policies and configuration

<https://docs.aws.amazon.com/wellarchitected/latest/security-pillar/welcome.html>  
<https://aws.amazon.com/architecture/well-architected/?wa-lens-whitepapers.sort-by=item.additionalFields.sortDate&wa-lens-whitepapers.sort-order=desc>

#### 23: AWS offers two savings plans to enable more savings and flexibility for its customers, namely, compute saving plans and EC2 Instance Savings plans.

*Which of the below statement is FALSE regarding Saving Plans?*

**A.** Capacity Reservations are not provided with Saving Plans.  
**B.** Savings Plans are available for all the regions.  
**C.** Savings plans will apply on ‘On-Demand Capacity Reservations’ that customers can allocate for their needs.  
**D.** The prices for Savings Plans do not change based on the amount of hourly commitment.

**Reference:**<https://docs.aws.amazon.com/savingsplans/latest/userguide/what-is-savings-plans.html#sp-ris>

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

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

<https://aws.amazon.com/efs/>  
<https://aws.amazon.com/about-aws/global-infrastructure/regional-product-services/>

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

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

<https://lightsail.aws.amazon.com/ls/docs/en_us/articles/amazon-lightsail-exporting-snapshots-to-amazon-ec2>  
<https://aws.amazon.com/lightsail/features/upgrade-to-ec2/>

26-The ability to horizontally scale Amazon EC2 instances based on demand is an example of which concept in the AWS Cloud value proposition?

* Economy of scale
* Elasticity
* High availability
* Agility

https://wa.aws.amazon.com/wellarchitected/2020-07-02T19-33-23/wat.concept.elasticity.en.html

27-What are the benefits of developing and running a new application in the AWS Cloud compared to on-premises? (Select TWO.)

* AWS automatically distributes the data globally for higher durability.
* AWS will take care of operating the application.
* AWS provides options to architect for high availability.
* AWS can scale resources to changing application demands.
* AWS patches customer applications.

28-AWS services can relieve a company's IT staff of which of the following IT tasks? (Select TWO.)

* Patching database engine on Amazon RDS DB instances
* Planning the capacity for object storage
* Creating relational database schemas for new databases
* Configuring access controls for AWS applications
* Writing application code

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

29-  
A user wants the ability to easily scale compute resources in and out, while only paying for the resources used. Which AWS Cloud architecture principle is this?

* Elasticity
* Fault tolerance
* Durability
* High availability

30-Which of the following are benefits of using the AWS Cloud? (Select TWO.)

* Increased speed and agility
* No risk of security breaches
* Removes the need to patch customer software
* Only one firewall is used.
* Ability to deploy globally in minutes

31-Which on-premises expense will be reduced if the company migrates their application to Amazon EC2?

* Server hardware costs
* Amazon EBS storage costs
* Storage backup costs
* Costs of transferring data out to the internet.

32-What does the AWS Simple Monthly Calculator provide?

* Estimated costs for an AWS Cloud architecture
* Estimated savings when migrating to the AWS Cloud
* A price quote for AWS service costs for the next 30 days
* A prediction of annual costs for AWS services based upon current usage.

33- A company wants to use Amazon Elastic Compute Cloud (Amazon EC2) to deploy a global commercial application. The deployment solution should be built with the highest redundancy and fault tolerance. Based on this situation, the Amazon EC2 instances should be deployed:

* In a single Availability Zone in one AWS Region
* With multiple elastic network interfaces belonging to different subnets
* Across multiple Availability Zones in one AWS Region
* Across multiple Availability Zones in two AWS Regions

34-Which of the following is an AWS Cloud architecture design principle?

* Implement single points of failure.
* Implement loose coupling.
* Implement monolithic design.
* Implement vertical scaling.

35-Which design principles for cloud architecture are recommended when re-architecting a large monolithic application? (Select TWO.)

* Limit the use of new technologies.
* Use fixed servers.
* Implement loose coupling.
* Share one administrator account.
* Design for scalability.

36-A user wants to implement loose coupling in their application architecture. Which AWS service meets this requirement?

* Amazon SQS
* Amazon EBS
* Amazon Macie
* Amazon EC2

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/concepts.html>

37-Which of the following is the customer's responsibility under the AWS shared responsibility model?

* Firmware updates to the servers
* Physical security
* Patching the operating systems that were deployed on Amazon EC2 instances
* Patching network infrastructure.

38-Under the shared responsibility model, which of the following are responsibilities of AWS?

* Designing for disaster recovery
* Updating guest operating systems
* Provisioning new services
* Securing physical infrastructure

39-Which service enables risk auditing by continuously monitoring and logging API requests to resources in an account, including user actions in the AWS Management Console and AWS SDKs?

* Amazon CloudWatch
* AWS CloudTrail
* AWS Config
* AWS Health

<https://docs.aws.amazon.com/awscloudtrail/latest/userguide/cloudtrail-user-guide.html>

40- Which of the following will enhance the security of access to the AWS Management Console? (Select TWO.)

* AWS Secrets Manager
* AWS Certificate Manager (ACM)
* Multi-factor authentication (MFA)
* Security groups
* Complex password policies

41- Which of the following can limit Amazon Simple Storage Service (Amazon S3) bucket access to specific users?

* AWS Key Management Service (AWS KMS)
* Amazon Inspector
* AWS Identity and Access Management (IAM) policies
* Security groups

42- Which of the following AWS Identity and Access Management (IAM) best practice helps protect an AWS account?

* Delete the AWS root user account after an IAM admin user has been created.
* Use multi-factor authentication (MFA) to protect the AWS account root user.
* Generate access keys for long-term use for every IAM user in the AWS account.
* Use the AWS account root user for long-term identity management operations.

<https://docs.aws.amazon.com/IAM/latest/UserGuide/best-practices.html>

43- Which AWS service or feature can be used to prevent SQL injection attacks?

* Security groups
* Network ACLs
* AWS WAF
* IAM policy

<https://docs.aws.amazon.com/vpc/latest/userguide/VPC_SecurityGroups.html>

44- Where can users find a purchasable catalog of AWS recognized providers of third-party security solutions?

* AWS Service Catalog
* AWS Marketplace
* AWS Quick Start
* AWS CodeDeploy

45- Which components are required to build a successful site-to-site VPN connection on AWS? (Select TWO.)

* Internet gateway
* NAT gateway
* Customer gateway
* Transit gateway
* Virtual private gateway

46- Which aspect of AWS infrastructure enables global deployment of compute and storage?

* Availability Zones
* Regions
* Tags
* Resource groups

47-  What can AWS edge locations be used for? (Select TWO.)

* Hosting applications and databases
* Delivering content closer to users
* Running NoSQL database caching services
* Reducing the load on EC2 based web servers
* Sending notification messages to end users

<https://aws.amazon.com/about-aws/global-infrastructure/>

48- What is a characteristic of Amazon S3 Cross-Region Replication?

* Both source and destination S3 buckets must have versioning disabled.
* The source and destination S3 buckets cannot be in different AWS Regions.
* Can be owned by a single AWS account or by different accounts.
* The source S3 bucket owner must have the source and destination AWS Regions disabled for their account.

49- Which AWS services will support data replication across Regions? (Select TWO.)

* Amazon S3
* Amazon Elastic Block Store
* Amazon Elastic File System
* AWS Storage Gateway

50-Which AWS service can MOST efficiently import exabytes of data to the AWS Cloud from an on-premises environment?

* AWS Snowmobile
* AWS Storage Gateway
* AWS Snowball
* AWS Direct Connect

<https://docs.aws.amazon.com/whitepapers/latest/aws-overview/migration-services.html#aws-snowmobile>

51- Which of the following are benefits of running a database on Amazon RDS compared to an on-premises database? (Select TWO.)

* Amazon RDS provides backups by default.
* Amazon RDS supports any relational database.
* Amazon RDS costs the same, regardless of the database engine that is used.
* Amazon RDS database compute capacity can be easily scaled.
* Amazon RDS security groups are managed by AWS.

<https://aws.amazon.com/rds/>

52- Which AWS service runs containers without needing to provision and manage Amazon EC2 instances?

* AWS Elastic Beanstalk
* Amazon Lightsail
* AWS Batch
* AWS Fargate

<https://lightsail.aws.amazon.com/ls/docs/en_us/articles/what-is-amazon-lightsail>

53- Which of the following AWS services are serverless? (Select TWO.)

* Amazon API Gateway
* Amazon EC2
* AWS Lambda

AWS Lambda

* Amazon EMR
* Amazon ElastiCache

<https://docs.aws.amazon.com/AmazonElastiCache/latest/red-ug/Clusters.html>

54- A user has petabytes of data to migrate to AWS from an area where high-speed network connections are not possible. Which service is the FASTEST way to transfer the data?

* Amazon S3
* AWS Batch
* AWS Snow Family
* AWS VPN

55- Which AWS compute service is serverless?

* Amazon EC2
* AWS Lambda
* Amazon Relational Database Service (Amazon RDS)
* Amazon Elastic Container Service (Amazon ECS)

56- Which AWS service helps customers collect, process, and analyze real-time streaming data from sources such as operating logs, financial transactions, and social media feeds?

* Amazon Kinesis
* AWS Direct Connect
* Amazon Redshift
* Amazon Athena

<https://aws.amazon.com/directconnect/>

57- Which of the following is an AWS database service that provides virtually unlimited throughput and scale?

* Amazon DynamoDB
* Amazon RDS for Oracle
* Amazon Redshift
* Amazon OpenSearch Service (successor to Amazon Elasticsearch Service)

58- Which AWS service or feature allows a company to visualize, understand, and manage AWS costs and usage over time?

* AWS Budgets
* AWS Cost Explorer
* AWS Organizations
* Consolidated billing

59- A company is considering migrating their applications from their on-premises data centers to the AWS Cloud. How could this decision lower the company's Total Cost of Ownership (TCO) of their applications?

* Using the AWS Cloud eliminates the need for large capital expenditures
* Using the AWS Cloud eliminates all third-party software licensing costs
* Using the AWS Cloud eliminates all operational expenditures
* Using the AWS Cloud eliminates the staff time spent managing applications

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

60- A company is using the AWS CLI and programmatic access of Amazon RDS resources from its on-premises network. What is a mandatory requirement in this scenario?

* Using an Amazon CloudFront key pair
* Using an AWS access key and a secret key
* Using Amazon API Gateway
* Using an Amazon EC2 key pair

<https://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/private-content-trusted-signers.html>

61- A company is running a production workload on AWS. Which AWS Support plan will provide the company with technical support within 15 minutes of a user opening a case concerning a critical service interruption?

* Basic Support
* Developer Support
* Business Support
* Enterprise Support

62- What technology enables compute capacity to adjust as loads change?

* Load balancing
* Automatic failover
* Round robin
* Automatic scaling

<https://aws.amazon.com/elasticloadbalancing/>

63- A user would like to encrypt data that is received, stored, and managed by AWS CloudTrail. Which AWS service will provide this capability?

* AWS Secrets Manager
* AWS Systems Manager
* AWS Key Management Service (AWS KMS)
* AWS Certificate Manager (ACM)

64- Which of the following are features of Amazon CloudWatch Logs? (Select TWO.)

* Summaries by Amazon Simple Notification Service (Amazon SNS)
* Free Amazon Elasticsearch Service analytics
* Provided at no charge
* Real-time monitoring
* Adjustable retention

65- Which AWS Identity and Access Management (IAM) feature allows developers to access Amazon S3 through the AWS CLI?

* The account password policy
* Access keys
* Users and passwords
* SSH keys

66- Which of the following services will automatically scale with an expected increase in web traffic?

* AWS CodePipeline
* Elastic Load Balancing
* Amazon EBS
* AWS Direct Connect

67- Which AWS Support plan provides access to architectural and operational reviews, as well as 24/7 access to senior cloud support engineers through email, online chat, and phone?

* Basic Support
* Business Support
* Developer Support
* Enterprise Support

68- Which of the following Amazon EC2 pricing models allows customers to use existing server-bound software licenses?

* Spot Instances
* Reserved Instances
* Dedicated Hosts
* On-Demand Instances

<https://aws.amazon.com/ec2/pricing/dedicated-instances/>

69- A company has an application that only needs to run for 2 hours at any time during a day. Which Amazon EC2 instance type will be MOST cost-effective for this application?

* Dedicated Instances
* On-Demand Instances
* Reserved Instances
* Spot Instances

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/dedicated-instance.html>

70- How can Amazon EC2 Reserved Instances be shared across multiple AWS accounts?

* AWS Cost Explorer activated on all AWS accounts
* AWS Organizations consolidated billing
* AWS Compute Optimizer activated on all AWS accounts
* IAM cross-account roles

71- How can one AWS account use Reserved Instances from another AWS account?

* By using Amazon EC2 Dedicated Instances
* By using AWS Organizations consolidated billing
* By using the AWS Cost Explorer tool
* By using AWS Budgets

<https://docs.aws.amazon.com/AWSEC2/latest/UserGuide/dedicated-instance.html>

72- Which tool can only be used to track AWS usage and estimated charges related to it?

* AWS Trusted Advisor
* Trusted Advisor Cost Explorer
* AWS CloudFormation
* AWS Pricing Calculator

<https://aws.amazon.com/premiumsupport/technology/trusted-advisor/>

73- A user has underutilized on-premises resources. Which AWS Cloud concept can BEST address this issue?

* High availability
* Elasticity
* Security
* Loose coupling

74- Users report latency when they connect to a website with a global customer base. Which AWS service will improve the customer experience by reducing latency?

* Amazon CloudFront
* Direct Connect
* Amazon EC2 Auto Scaling
* AWS Transit Gateway

<https://docs.aws.amazon.com/AmazonCloudFront/latest/DeveloperGuide/Introduction.html>

75- Which AWS services decrease network latency for global users of an application that is hosted in the AWS Cloud? (Select TWO.)

* Amazon VPC
* Elastic Load Balancing
* Amazon CloudFront
* AWS Direct Connect
* AWS Global Accelerator

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

76- [What advantages does a database administrator obtain by using the Amazon Relational Database Service (RDS)?  
  
A. RDS provides 99.99999999999% reliability and durability  
B. RDS databases automatically scale based on load  
C. RDS enables users to dynamically adjust CPU and RAM resources  
D. RDS simplifies relational database administration tasks](https://digitalcloud.training/aws-cloud-practitioner-free-practice-questions/)

77- [A large company is interested in avoiding long-term contracts and moving from fixed costs to variable costs. What is the value proposition of AWS for this company?  
A. Economies of scale  
B. Pay-as-you-go pricing  
C. Volume pricing discounts  
D. Automated cost optimization](https://digitalcloud.training/aws-cloud-practitioner-free-practice-questions/)

78- [A customer needs to determine Total Cost of Ownership (TCO) for a workload that requires physical isolation. Which hosting model should be used?  
  
A. Dedicated Hosts  
B. Reserved Instances  
C. On-Demand Instances  
D. Spot Instances](https://digitalcloud.training/aws-cloud-practitioner-free-practice-questions/)

79- [Which design principles are enabled by the AWS Cloud to improve the operation of workloads? (Select TWO)  
  
A. Minimize platform design  
B. Loose coupling  
C. Customized hardware  
D. Remove single points of failure  
E. Minimum viable product](https://digitalcloud.training/aws-cloud-practitioner-free-practice-questions/)

80- [A user is planning to launch three EC2 instances behind a single Elastic Load Balancer. The deployment should be highly available.  
  
A. Launch the instances across multiple Availability Zones in a single AWS Region.  
B. Launch the instances as EC2 Spot Instances in the same AWS Region and the same Availability Zone.  
C. Launch the instances in multiple AWS Regions, and use Elastic IP addresses.  
D. Launch the instances as EC2 Reserved Instances in the same AWS Region, but in different Availability Zones.](https://digitalcloud.training/aws-cloud-practitioner-free-practice-questions/)