Which action can you perform in Amazon CloudFront?

Run infrastructure in a hybrid cloud approach.

Deliver content to customers through a global network of edge locations.

Provision an isolated section of the AWS Cloud to launch resources in a virtual network that you define.

Provision resources by using programming languages or a text file.

Which AWS Trusted Advisor category includes checks for high-utilization EC2 instances?

Cost Optimization

Fault Tolerance

Security

Performance

Which AWS Trusted Advisor category includes checks for your service limits and overutilized instances?

Cost Optimization

Fault Tolerance

Security

Performance

Which statement best describes Amazon GuardDuty?

A service that checks applications for security vulnerabilities and deviations from security best practices

A service that lets you monitor network requests that come into your web applications

A service that helps protect your applications against distributed denial-of-service (DDoS) attacks

A service that provides intelligent threat detection for your AWS infrastructure and resources

Which service is used to transfer up to 100 PB of data to AWS?

AWS DeepRacer

AWS Snowmobile

Amazon CloudFront

Amazon Neptune

You are running an Amazon EC2 instance and want to store data in an attached resource. Your data is temporary and will not be kept long term. Which resource should you use?

Instance store

Subnet

Amazon Elastic Block Store (Amazon EBS) volume

Amazon S3 bucket

Which statement best describes an Availability Zone?

A separate geographical location with multiple locations that are isolated from each other

A site that Amazon CloudFront uses to cache copies of content for faster delivery to users at any location

The server from which Amazon CloudFront gets your files

A fully isolated portion of the AWS global infrastructure

Which tool enables you to visualize, understand, and manage your AWS costs and usage over time?

AWS Cost Explorer

AWS Artifact

AWS Budgets

AWS Pricing Calculator

You want Amazon S3 to monitor your objects’ access patterns. Which storage class should you use?

Amazon S3 One Zone-IA

Amazon S3 Glacier Flexible Retrieval

Amazon S3 Standard-IA

Amazon S3 Intelligent-Tiering

Which service enables you to build the workflows that are required for human review of machine learning predictions?

Amazon Lex

Amazon Aurora

Amazon Augmented AI

Amazon Textract

Which Perspective of the AWS Cloud Adoption Framework focuses on recovering IT workloads to meet the requirements of your business stakeholders?

Operations Perspective

People Perspective

Business Perspective

Governance Perspective

Which virtual private cloud (VPC) component controls inbound and outbound traffic for Amazon EC2 instances?

Security group

Internet gateway

Network access control list

Subnet

Which migration strategy involves changing how an application is architected and developed, typically by using cloud-native features?

Refactoring

Rehosting

Replatforming

Repurchasing

Which statement is TRUE for AWS Lambda?

You pay only for compute time while your code is running.

To use AWS Lambda, you must configure the servers that run your code.

The first step in using AWS Lambda is provisioning a server.

Before using AWS Lambda, you must prepay for your estimated compute time.

Which tool is used to automate actions for AWS services and applications through scripts?

Amazon Redshift

AWS Command Line Interface

Amazon QLDB

AWS Snowball

Which service enables you to review details for user activities and API calls that have occurred within your AWS environment?

AWS Trusted Advisor

Amazon Inspector

AWS CloudTrail

Amazon CloudWatch

In the S3 Intelligent-Tiering storage class, Amazon S3 moves objects between a frequent access tier and an infrequent access tier. Which storage classes are used for these tiers? (Select TWO.)

* Amazon S3 Standard
* Amazon S3 Standard-IA
* Amazon S3 One Zone-IA
* Amazon S3 Glacier Deep Archive
* Amazon S3 Glacier Flexible Retrieval

You want to store data in a key-value database. Which service should you use?

Amazon RDS

Amazon Aurora

Amazon DocumentDB

Amazon DynamoDB

Which compute option reduces costs when you commit to a consistent amount of compute usage for a 1-year or 3-year term?

Reserved Instances

Savings Plans

Dedicated Hosts

Spot Instances

Which tasks are the responsibilities of AWS? (Select TWO.)

* Configuring AWS infrastructure devices
* Creating IAM users and groups
* Training company employees on how to use AWS services
* Configuring security groups on Amazon EC2 instances
* Maintaining virtualization infrastructure

Which Support plans include access to all AWS Trusted Advisor checks? (Select TWO.)

* Enterprise
* Developer
* Basic
* AWS Free Tier
* Business

Which component or service enables you to establish a dedicated private connection between your data center and virtual private cloud (VPC)?

AWS Direct Connect

Amazon CloudFront

Internet gateway

Virtual private gateway

Which service enables you to consolidate and manage multiple AWS accounts from a central location?

AWS Identity and Access Management (IAM)

AWS Key Management Service (AWS KMS)

AWS Artifact

AWS Organizations

Which statement best describes AWS Marketplace?

A resource that can answer questions about best practices and assist with troubleshooting issues

An online tool that inspects your AWS environment and provides real-time guidance in accordance with AWS best practices

A resource that provides guidance, architectural reviews, and ongoing communication with your company as you plan, deploy, and optimize your applications

A digital catalog that includes thousands of software listings from independent software vendors

You want to store data in a volume that is attached to an Amazon EC2 instance. Which service should you use?

Amazon Simple Storage Service (Amazon S3)

AWS Lambda

Amazon ElastiCache

Amazon Elastic Block Store (Amazon EBS)

Which pillar of the AWS Well-Architected Framework focuses on using computing resources in ways that meet system requirements?

Operational Excellence

Performance Efficiency

Security

Reliability

Which service is used to run containerized applications on AWS?

Amazon SageMaker

Amazon Redshift

Amazon Elastic Kubernetes Service (Amazon EKS)

Amazon Aurora

Which actions can you perform in Amazon Route 53? (Select TWO.)

* Connect user requests to infrastructure in AWS and outside of AWS.
* Access AWS security and compliance reports and select online agreements.
* Manage DNS records for domain names.
* Monitor your applications and respond to system-wide performance changes.
* Automate the deployment of workloads into your AWS environment.

Which statement best describes Elastic Load Balancing?

A service that enables you to set up, manage, and scale a distributed in-memory or cache environment in the cloud

A service that provides data that you can use to monitor your applications, optimize resource utilization, and respond to system-wide performance changes

A service that monitors your applications and automatically adds or removes capacity from your resource groups in response to changing demand

A service that distributes incoming traffic across multiple targets, such as Amazon EC2 instances

Which service is used to quickly deploy and scale applications on AWS?

AWS Snowball

Amazon CloudFront

AWS Elastic Beanstalk

AWS Outposts

You want to send and receive messages between distributed application components. Which service should you use?

AWS Snowball

Amazon ElastiCache

Amazon Simple Queue Service (Amazon SQS)

Amazon Route 53

#################end###################################

A company is planning to run a global marketing application in the AWS Cloud. The application will feature videos that can be viewed by users. The company must ensure that all users can view these videos with low latency.  
Which AWS service should the company use to meet this requirement?

* A. AWS Auto Scaling
* B. Amazon Kinesis Video Streams
* C. Elastic Load Balancing
* D. Amazon CloudFront **Most Voted**

Which pillar of the AWS Well-Architected Framework refers to the ability of a system to recover from infrastructure or service disruptions and dynamically acquire computing resources to meet demand?

* A. Security
* B. Reliability **Most Voted**
* C. Performance efficiency
* D. Cost optimization

Which of the following are benefits of migrating to the AWS Cloud? (Choose two.)

* A. Operational resilience **Most Voted**
* B. Discounts for products on Amazon.com
* C. Business agility **Most Voted**
* D. Business excellence
* E. Increased staff retention

A company is planning to replace its physical on-premises compute servers with AWS serverless compute services. The company wants to be able to take advantage of advanced technologies quickly after the migration.  
Which pillar of the AWS Well-Architected Framework does this plan represent?

* A. Security
* B. Performance efficiency **Most Voted**
* C. Operational excellence
* D. Reliability

A large company has multiple departments. Each department has its own AWS account. Each department has purchased Amazon EC2 Reserved Instances.  
Some departments do not use all the Reserved Instances that they purchased, and other departments need more Reserved Instances than they purchased.  
The company needs to manage the AWS accounts for all the departments so that the departments can share the Reserved Instances.  
Which AWS service or tool should the company use to meet these requirements?

* A. AWS Systems Manager
* B. Cost Explorer
* C. AWS Trusted Advisor
* D. AWS Organizations **Most Voted**

Which component of the AWS global infrastructure is made up of one or more discrete data centers that have redundant power, networking, and connectivity?

* A. AWS Region
* B. Availability Zone **Most Voted**
* C. Edge location
* D. AWS Outposts

Which duties are the responsibility of a company that is using AWS Lambda? (Choose two.)

* A. Security inside of code **Most Voted**
* B. Selection of CPU resources
* C. Patching of operating system
* D. Writing and updating of code **Most Voted**
* E. Security of underlying infrastructure

Which AWS services or features provide disaster recovery solutions for Amazon EC2 instances? (Choose two.)

* A. ׀•׀¡2 Reserved Instances
* B. EC2 Amazon Machine Images (AMIs)
* C. Amazon Elastic Block Store (Amazon EBS) snapshots
* D. AWS Shield
* E. Amazon GuardDuty

A company is migrating to the AWS Cloud instead of running its infrastructure on premises.  
Which of the following are advantages of this migration? (Choose two.)

* A. Elimination of the need to perform security auditing
* B. Increased global reach and agility **Most Voted**
* C. Ability to deploy globally in minutes **Most Voted**
* D. Elimination of the cost of IT staff members
* E. Redundancy by default for all compute services

A user is comparing purchase options for an application that runs on Amazon EC2 and Amazon RDS. The application cannot sustain any interruption. The application experiences a predictable amount of usage, including some seasonal spikes that last only a few weeks at a time. It is not possible to modify the application.  
Which purchase option meets these requirements MOST cost-effectively?

* A. Review the AWS Marketplace and buy Partial Upfront Reserved Instances to cover the predicted and seasonal load.
* B. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run on Spot Instances.
* C. Buy Reserved Instances for the predicted amount of usage throughout the year. Allow any seasonal usage to run at an On-Demand rate. **Most Voted**
* D. Buy Reserved Instances to cover all potential usage that results from the seasonal usage.

**Cost effective means it is option B, but with spot instances there can be interruption. So if we consider interruption then the answer is C**

A company wants to review its monthly costs of using Amazon EC2 and Amazon RDS for the past year.  
Which AWS service or tool provides this information?

* A. AWS Trusted Advisor
* B. Cost Explorer **Most Voted**
* C. Amazon Forecast
* D. Amazon CloudWatch

A company wants to migrate a critical application to AWS. The application has a short runtime. The application is invoked by changes in data or by shifts in system state. The company needs a compute solution that maximizes operational efficiency and minimizes the cost of running the application.  
Which AWS solution should the company use to meet these requirements?

* A. Amazon EC2 On-Demand Instances
* B. AWS Lambda **Most Voted**
* C. Amazon EC2 Reserved Instances
* D. Amazon EC2 Spot Instances

Which AWS service or feature allows users to connect with and deploy AWS services programmatically?

* A. AWS Management Console
* B. AWS Cloud9
* C. AWS CodePipeline
* D. AWS software development kits (SDKs) **Most Voted**

A company plans to create a data lake that uses Amazon S3.  
Which factor will have the MOST effect on cost?

* A. The selection of S3 storage tiers **Most Voted**
* B. Charges to transfer existing data into Amazon S3
* C. The addition of S3 bucket policies
* D. S3 ingest fees for each request

A company is launching an ecommerce application that must always be available. The application will run on Amazon EC2 instances continuously for the next  
12 months.  
What is the MOST cost-effective instance purchasing option that meets these requirements?

* A. Spot Instances
* B. Savings Plans **Most Voted**
* C. Dedicated Hosts
* D. On-Demand Instances

Which AWS service or feature can a company use to determine which business unit is using specific AWS resources?

* A. Cost allocation tags
* B. Key pairs
* C. Amazon Inspector
* D. AWS Trusted Advisor

A company wants to migrate its workloads to AWS, but it lacks expertise in AWS Cloud computing.  
Which AWS service or feature will help the company with its migration?

* A. AWS Trusted Advisor
* B. AWS Consulting Partners **Most Voted**
* C. AWS Artifacts
* D. AWS Managed Services **Most Voted**

**It seems D is the right answer, because the question is about AWS service.**

Which AWS service or tool should a company use to centrally request and track service limit increases?

* A. AWS Config
* B. Service Quotas **Most Voted**
* C. AWS Service Catalog
* D. AWS Budgets

Which documentation does AWS Artifact provide?

* A. Amazon EC2 terms and conditions
* B. AWS ISO certifications **Most Voted**
* C. A history of a company's AWS spending
* D. A list of previous-generation Amazon EC2 instance types

Which task requires using AWS account root user credentials?

* A. Viewing billing information
* B. Changing the AWS Support plan **Most Voted**
* C. Starting and stopping Amazon EC2 instances
* D. Opening an AWS Support case

A company needs to simultaneously process hundreds of requests from different users.  
Which combination of AWS services should the company use to build an operationally efficient solution?

* A. Amazon Simple Queue Service (Amazon SQS) and AWS Lambda **Most Voted**
* B. AWS Data Pipeline and Amazon EC2
* C. Amazon Kinesis and Amazon Athena
* D. AWS Amplify and AWS AppSync

A is the correct answer it seems

What is the scope of a VPC within the AWS network?

* A. A VPC can span all Availability Zones globally.
* B. A VPC must span at least two subnets in each AWS Region.
* C. A VPC must span at least two edge locations in each AWS Region.
* D. A VPC can span all Availability Zones within an AWS Region.

Which of the following are components of an AWS Site-to-Site VPN connection? (Choose two.)

* A. AWS Storage Gateway
* B. Virtual private gateway **Most Voted**
* C. NAT gateway
* D. Customer gateway **Most Voted**
* E. Internet gateway

The VPC has an attached virtual private gateway, and your on-premises (remote) network includes a customer gateway device, which you must configure to enable the Site-to-Site VPN connection. You set up the routing so that any traffic from the VPC bound for your network is routed to the virtual private gateway.

A company needs to establish a connection between two VPCs. The VPCs are located in two different AWS Regions. The company wants to use the existing infrastructure of the VPCs for this connection.  
Which AWS service or feature can be used to establish this connection?

* A. AWS Client VPN
* B. VPC peering **Most Voted**
* C. AWS Direct Connect
* D. VPC endpoints

According to the AWS shared responsibility model, what responsibility does a customer have when using Amazon RDS to host a database?

* A. Manage connections to the database **Most Voted**
* B. Install Microsoft SQL Server
* C. Design encryption-at-rest strategies **Most Voted**
* D. Apply minor database patches

Answer is C – because shared responsibility it about security

What are some advantages of using Amazon EC2 instances to host applications in the AWS Cloud instead of on premises? (Choose two.)

* A. EC2 includes operating system patch management.
* B. EC2 integrates with Amazon VPC, AWS CloudTrail, and AWS Identity and Access Management (IAM). **Most Voted**
* C. EC2 has a 100% service level agreement (SLA).
* D. EC2 has a flexible, pay-as-you-go pricing model. **Most VotedMost Voted**
* E. EC2 has automatic storage cost optimization. **Most Voted**

D & E should be the right answer

A user needs to determine whether an Amazon EC2 instance's security groups were modified in the last month.  
How can the user see if a change was made?

* A. Use Amazon EC2 to see if the security group was changed.
* B. Use AWS Identity and Access Management (IAM) to see which user or role changed the security group.
* C. Use AWS CloudTrail to see if the security group was changed. **Most Voted**
* D. Use Amazon CloudWatch to see if the security group was changed.

Which AWS service will help protect applications running on AWS from DDoS attacks?

* A. Amazon GuardDuty
* B. AWS WAF
* C. AWS Shield **Most Voted**
* D. Amazon Inspector

Which AWS service or feature acts as a firewall for Amazon EC2 instances?

* A. Network ACL
* B. Elastic network interface
* C. Amazon VPC
* D. Security group **Most Voted**

How does the AWS Cloud pricing model differ from the traditional on-premises storage pricing model?

* A. AWS resources do not incur costs
* B. There are no infrastructure operating costs **Most Voted**
* C. There are no upfront cost commitments **Most Voted**
* D. There are no software licensing costs

C should be the correct answer

A company has a single Amazon EC2 instance. The company wants to adopt a highly available architecture.  
What can the company do to meet this requirement?

* A. Scale vertically to a larger EC2 instance size.
* B. Scale horizontally across multiple Availability Zones.
* C. Purchase an EC2 Dedicated Instance.
* D. Change the EC2 instance family to a compute optimized instance.

A company's on-premises application deployment cycle was 3-4 weeks. After migrating to the AWS Cloud, the company can deploy the application in 2-3 days.  
Which benefit has this company experienced by moving to the AWS Cloud?

* A. Elasticity
* B. Flexibility
* C. Agility **Most Voted**
* D. Resilience

C is the right answer

Which of the following are included in AWS Enterprise Support? (Choose two.)

* A. AWS technical account manager (TAM) **Most Voted**
* B. AWS partner-led support
* C. AWS Professional Services
* D. Support of third-party software integration to AWS **Most Voted**
* E. 5-minute response time for critical issues

A global media company uses AWS Organizations to manage multiple AWS accounts.  
Which AWS service or feature can the company use to limit the access to AWS services for member accounts?

* A. AWS Identity and Access Management (IAM)
* B. Service control policies (SCPs) **Most Voted**
* C. Organizational units (OUs)
* D. Access control lists (ACLs)

B is the correct answer - "You can use SCPs to allow or deny access to AWS services for individual AWS accounts with AWS Organizations member accounts, or for groups of accounts within an organizational unit (OU).

A company wants to limit its employees' AWS access to a portfolio of predefined AWS resources.  
Which AWS solution should the company use to meet this requirement?

* A. AWS Config
* B. AWS software development kits (SDKs)
* C. AWS Service Catalog **Most Voted**
* D. AWS AppSync

What is the use of service catalog in AWS? AWS Service Catalog allows organizations to create and manage catalogs of IT services that are approved for use on AWS. These IT services can include everything from virtual machine images, servers, software, and databases to complete multi-tier application architectures.

An online company was running a workload on premises and was struggling to launch new products and features. After migrating the workload to AWS, the company can quickly launch products and features and can scale its infrastructure as required.  
Which AWS Cloud value proposition does this scenario describe?

* A. Business agility
* B. High availability
* C. Security
* D. Centralized auditing

Which of the following are advantages of the AWS Cloud? (Choose two.)

* A. AWS management of user-owned infrastructure
* B. Ability to quickly change required capacity
* C. High economies of scale
* D. Increased deployment time to market
* E. Increased fixed expenses

AWS has the ability to achieve lower pay-as-you-go pricing by aggregating usage across hundreds of thousands of users.  
This describes which advantage of the AWS Cloud?

* A. Launch globally in minutes
* B. Increase speed and agility
* C. High economies of scale
* D. No guessing about compute capacity

A company has a database server that is always running. The company hosts the server on Amazon EC2 instances. The instance sizes are suitable for the workload. The workload will run for 1 year.  
Which EC2 instance purchasing option will meet these requirements MOST cost-effectively?

* A. Standard Reserved Instances
* B. On-Demand Instances
* C. Spot Instances
* D. Convertible Reserved Instances

A company is developing a mobile app that needs a high-performance NoSQL database.  
Which AWS services could the company use for this database? (Choose two.)

* A. Amazon Aurora
* B. Amazon RDS
* C. Amazon Redshift
* D. Amazon DocumentDB (with MongoDB compatibility) **Most Voted**
* E. Amazon DynamoDB **Most Voted**

D & E are correct

Which tasks are the responsibility of AWS, according to the AWS shared responsibility model? (Choose two.)

* A. Patch the Amazon EC2 guest operating system.
* B. Upgrade the firmware of the network infrastructure. **Most Voted**
* C. Apply password rotation for IAM users.
* D. Maintain the physical security of edge locations. **Most Voted**
* E. Maintain least privilege access to the root user account.

Which of the following are features of network ACLs as they are used in the AWS Cloud? (Choose two.)

* A. They are stateless. **Most Voted**
* B. They are stateful.
* C. They evaluate all rules before allowing traffic.
* D. They process rules in order, starting with the lowest numbered rule, when deciding whether to allow traffic. **Most Voted**
* E. They operate at the instance level.

A company has designed its AWS Cloud infrastructure to run its workloads effectively. The company also has protocols in place to continuously improve supporting processes.  
Which pillar of the AWS Well-Architected Framework does this scenario represent?

* A. Security
* B. Performance efficiency
* C. Cost optimization
* D. Operational excellence

Which AWS service or feature can be used to create a private connection between an on-premises workload and an AWS Cloud workload?

* A. Amazon Route 53
* B. Amazon Macie
* C. AWS Direct Connect **Most Voted**
* D. AWS PrivateLink

A company needs to graphically visualize AWS billing and usage over time. The company also needs information about its AWS monthly costs.  
Which AWS Billing and Cost Management tool provides this data in a graphical format?

* A. AWS Bills
* B. Cost Explorer
* C. AWS Cost and Usage Report
* D. AWS Budgets

A company wants to run production workloads on AWS. The company needs concierge service, a designated AWS technical account manager (TAM), and technical support that is available 24 hours a day, 7 days a week.  
Which AWS Support plan will meet these requirements?

* A. AWS Basic Support
* B. AWS Enterprise Support **Most Voted**
* C. AWS Business Support
* D. AWS Developer Support

Which architecture design principle describes the need to isolate failures between dependent components in the AWS Cloud?

* A. Use a monolithic design.
* B. Design for automation.
* C. Design for single points of failure.
* D. Loosely couple components.

Also called as micro services approach ( Loosely coupled components)

Which AWS services are managed database services? (Choose two.)

* A. Amazon Elastic Block Store (Amazon EBS)
* B. Amazon S3
* C. Amazon RDS
* D. Amazon Elastic File System (Amazon EFS)
* E. Amazon DynamoDB

A company is using the AWS Free Tier for several AWS services for an application.  
What will happen if the Free Tier usage period expires or if the application use exceeds the Free Tier usage limits?

* A. The company will be charged the standard pay-as-you-go service rates for the usage that exceeds the Free Tier usage. **Most Voted**
* B. AWS Support will contact the company to set up standard service charges.
* C. The company will be charged for the services it consumed during the Free Tier period, plus additional charges for service consumption after the Free Tier period.
* D. The company's AWS account will be frozen and can be restarted after a payment plan is established.

A company recently deployed an Amazon RDS instance in its VPC. The company needs to implement a stateful firewall to limit traffic to the private corporate network.  
Which AWS service or feature should the company use to limit network traffic directly to its RDS instance?

* A. Network ACLs
* B. Security groups **Most Voted**
* C. AWS WAF
* D. Amazon GuardDuty

Which AWS service uses machine learning to help discover, monitor, and protect sensitive data that is stored in Amazon S3 buckets?

* A. AWS Shield
* B. Amazon Macie
* C. AWS Network Firewall
* D. Amazon Cognito

*Amazon Macie is a data security and data privacy service that uses machine learning (ML) and pattern matching to discover and protect your sensitive data* in S3

A company wants to improve the overall availability and performance of its applications that are hosted on AWS.  
Which AWS service should the company use?

* A. Amazon Connect
* B. Amazon Lightsail
* C. AWS Global Accelerator
* D. AWS Storage Gateway

AWS Global Accelerator is a networking service that improves the performance of your users’ traffic by up to 60% using Amazon Web Services’ global network infrastructure. When the internet is congested, AWS Global Accelerator optimizes the path to your application to keep packet loss, jitter, and latency consistently low.

Which AWS service or feature identifies whether an Amazon S3 bucket or an IAM role has been shared with an external entity?

* A. AWS Service Catalog
* B. AWS Systems Manager
* C. AWS IAM Access Analyzer **Most Voted**
* D. AWS Organizations

A company does not want to rely on elaborate forecasting to determine its usage of compute resources. Instead, the company wants to pay only for the resources that it uses. The company also needs the ability to increase or decrease its resource usage to meet business requirements.  
Which pillar of the AWS Well-Architected Framework aligns with these requirements?

* A. Operational excellence
* B. Security
* C. Reliability
* D. Cost optimization

A company wants to launch its workload on AWS and requires the system to automatically recover from failure.  
Which pillar of the AWS Well-Architected Framework includes this requirement?

* A. Cost optimization
* B. Operational excellence
* C. Performance efficiency
* D. Reliability

A large enterprise with multiple VPCs in several AWS Regions around the world needs to connect and centrally manage network connectivity between its VPCs.  
Which AWS service or feature meets these requirements?

* A. AWS Direct Connect
* B. AWS Transit Gateway **Most Voted**
* C. AWS Site-to-Site VPN
* D. VPC endpoints

Transit gateway acts as a central hub to connect

Which AWS service supports the creation of visual reports from AWS Cost and Usage Report data?

* A. Amazon Athena
* B. Amazon QuickSight **Most Voted**
* C. Amazon CloudWatch
* D. AWS Organizations

Amazon Athena is an interactive query service that makes it easy to analyze data in Amazon S3 using standard SQL. Athena is serverless, so there is no infrastructure to manage, and you pay only for the queries that you run. So it is quick sight is the correct answer

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

* A. Amazon Inspector
* B. AWS CloudTrail
* C. Amazon CloudWatch
* D. AWS Config

A company is preparing to launch a new web store that is expected to receive high traffic for an upcoming event. The web store runs only on AWS, and the company has an AWS Enterprise Support plan.  
Which AWS resource will provide guidance about how the company should scale its architecture and operational support during the event?

* A. AWS Abuse team
* B. The designated AWS technical account manager (TAM)
* C. AWS infrastructure event management **Most Voted**
* D. AWS Professional Services

Infrastructure event management: A short-term engagement with AWS Support that helps your company gain a better understanding of your use cases. This also provides your company with architectural and scaling guidance.

A user wants to deploy a service to the AWS Cloud by using infrastructure-as-code (IaC) principles.  
Which AWS service can be used to meet this requirement?

* A. AWS Systems Manager
* B. AWS CloudFormation
* C. AWS CodeCommit
* D. AWS Config

A company that has multiple business units wants to centrally manage and govern its AWS Cloud environments. The company wants to automate the creation of  
AWS accounts, apply service control policies (SCPs), and simplify billing processes.  
Which AWS service or tool should the company use to meet these requirements?

* A. AWS Organizations
* B. Cost Explorer
* C. AWS Budgets
* D. AWS Trusted Advisor

Which IT controls do AWS and the customer share, according to the AWS shared responsibility model? (Choose two.)

* A. Physical and environmental controls
* B. Patch management
* C. Cloud awareness and training
* D. Zone security
* E. Application data encryption

A company is launching an application in the AWS Cloud. The application will use Amazon S3 storage. A large team of researchers will have shared access to the data. The company must be able to recover data that is accidentally overwritten or deleted.  
Which S3 feature should the company turn on to meet this requirement?

* A. Server access logging
* B. S3 Versioning
* C. S3 Lifecycle rules
* D. Encryption in transit and at rest

A manufacturing company has a critical application that runs at a remote site that has a slow internet connection. The company wants to migrate the workload to  
AWS. The application is sensitive to latency and interruptions in connectivity. The company wants a solution that can host this application with minimum latency.  
Which AWS service or feature should the company use to meet these requirements?

* A. Availability Zones
* B. AWS Local Zones **Most Voted**
* C. AWS Wavelength
* D. AWS Outposts **Most Voted**

**I think it is local zone**

A company wants to migrate its applications from its on-premises data center to a VPC in the AWS Cloud. These applications will need to access on-premises resources.  
Which actions will meet these requirements? (Choose two.)

* A. Use AWS Service Catalog to identify a list of on-premises resources that can be migrated.
* B. Create a VPN connection between an on-premises device and a virtual private gateway in the VPC. **Most Voted**
* C. Use an Amazon CloudFront distribution and configure it to accelerate content delivery close to the on-premises resources.
* D. Set up an AWS Direct Connect connection between the on-premises data center and AWS. **Most Voted**
* E. Use Amazon CloudFront to restrict access to static web content provided through the on-premises web servers.

D is correct, other one not sure. But inclined towards A &D

A company wants to use the AWS Cloud to provide secure access to desktop applications that are running in a fully managed environment.  
Which AWS service should the company use to meet this requirement?

* A. Amazon S3
* B. Amazon AppStream 2.0 **Most Voted**
* C. AWS AppSync
* D. AWS Outposts

AppStream 2.0 is a fully managed application streaming service that provides users instant access to their desktop applications from anywhere

A company wants to implement threat detection on its AWS infrastructure. However, the company does not want to deploy additional software.  
Which AWS service should the company use to meet these requirements?

* A. Amazon VPC
* B. Amazon EC2
* C. Amazon GuardDuty
* D. AWS Direct Connect

Which AWS service uses edge locations?

* A. Amazon Aurora
* B. AWS Global Accelerator
* C. Amazon Connect
* D. AWS Outposts

A company needs to install an application in a Docker container.  
Which AWS service eliminates the need to provision and manage the container hosts?

* A. AWS Fargate **Most Voted**
* B. Amazon FSx for Windows File Server
* C. Amazon Elastic Container Service (Amazon ECS)
* D. Amazon EC2

Answer is C

AWS Fargate is a serverless compute engine for containers that works with both Amazon Elastic Container Service (ECS) and Amazon Elastic Kubernetes Service (EKS). AWS Fargate makes it easy to focus on building your applications. Fargate eliminates the need to provision and manage servers, lets you specify and pay for resources per application, and improves security through application isolation by design. Amazon Elastic Container Service (ECS) is a highly scalable, high performance container management service that supports Docker containers and Amazon Elastic Kubernetes Service (EKS) is a fully managed Kubernetes service. Both ECS and EKS use containers provisioned by Fargate to automatically scale, load balance, and optimize container availability through managed scheduling, providing an easier way to build and operate containerized applications.

Which AWS service or feature checks access policies and offers actionable recommendations to help users set secure and functional policies?

* A. AWS Systems Manager
* B. AWS IAM Access Analyzer
* C. AWS Trusted Advisor
* D. Amazon GuardDuty

A company has a fleet of cargo ships. The cargo ships have sensors that collect data at sea, where there is intermittent or no internet connectivity. The company needs to collect, format, and process the data at sea and move the data to AWS later.  
Which AWS service should the company use to meet these requirements?

* A. AWS IoT Core
* B. Amazon Lightsail
* C. AWS Storage Gateway
* D. AWS Snowball Edge **Most Voted**

D seems to be the correct answer

**AWS Storage Gateway is a set of hybrid cloud storage services that provide on-premises access to virtually unlimited cloud storage.**

A retail company needs to build a highly available architecture for a new ecommerce platform. The company is using only AWS services that replicate data across multiple Availability Zones.  
Which AWS services should the company use to meet this requirement? (Choose two.)

* A. Amazon EC2 **Most Voted**
* B. Amazon Elastic Block Store (Amazon EBS) **Most Voted**
* C. Amazon Aurora **Most Voted**
* D. Amazon DynamoDB **Most Voted**
* E. Amazon Redshift

Answer A & B

Which characteristic of the AWS Cloud helps users eliminate underutilized CPU capacity?

* A. Agility
* B. Elasticity **Most Voted**
* C. Reliability
* D. Durability

Service control policies (SCPs) manage permissions for which of the following?

* A. Availability Zones
* B. AWS Regions
* C. AWS Organizations
* D. Edge locations

Which AWS service can be used to encrypt data at rest?

* A. Amazon GuardDuty
* B. AWS Shield
* C. AWS Security Hub
* D. AWS Key Management Service (AWS KMS)

Which characteristics are advantages of using the AWS Cloud? (Choose two.)

* A. A 100% service level agreement (SLA) for all AWS services
* B. Compute capacity that is adjusted on demand
* C. Availability of AWS Support for code development
* D. Enhanced security
* E. Increases in cost and complexity

A user is storing objects in Amazon S3. The user needs to restrict access to the objects to meet compliance obligations.  
What should the user do to meet this requirement?

* A. Use AWS Secrets Manager.
* B. Tag the objects in the S3 bucket. **Most Voted**
* C. Use security groups.
* D. Use network ACLs. **Most Voted**

D seems to be the correct answer

[Access control lists (ACLs)](https://docs.aws.amazon.com/AmazonS3/latest/userguide/acls.html) – Grant read and write permissions for individual buckets and objects to authorized users. As a general rule, we recommend using S3 resource-based policies (bucket policies and access point policies) or IAM policies for access control instead of ACLs. ACLs are an access control mechanism that predates resource-based policies and IAM. For more information about when you'd use ACLs instead of resource-based policies or IAM policies, see [Access policy guidelines](https://docs.aws.amazon.com/AmazonS3/latest/userguide/access-policy-alternatives-guidelines.html).

A company wants to convert video files and audio files from their source format into a format that will play on smartphones, tablets, and web browsers.  
Which AWS service will meet these requirements?

* A. Amazon Elastic Transcoder
* B. Amazon Comprehend
* C. AWS Glue
* D. Amazon Rekognition

Which of the following are benefits of Amazon EC2 Auto Scaling? (Choose two.)

* A. Improved health and availability of applications **Most Voted**
* B. Reduced network latency
* C. Optimized performance and costs **Most Voted**
* D. Automated snapshots of data
* E. Cross-Region Replication

A and C

A company has several departments. Each department has its own AWS accounts for its applications. The company wants all AWS costs on a single invoice to simplify payment, but the company wants to know the costs that each department is incurring.  
Which AWS tool or feature will provide this functionality?

* A. AWS Cost and Usage Reports
* B. Consolidated billing
* C. Savings Plans
* D. AWS Budgets

A company runs its workloads on premises. The company wants to forecast the cost of running a large application on AWS.  
Which AWS service or tool can the company use to obtain this information?

* A. AWS Pricing Calculator **Most Voted**
* B. AWS Budgets
* C. AWS Trusted Advisor
* D. Cost Explorer

It is A

A company wants to eliminate the need to guess infrastructure capacity before deployments. The company also wants to spend its budget on cloud resources only as the company uses the resources.  
Which advantage of the AWS Cloud matches the company's requirements?

* A. Reliability
* B. Global reach
* C. Economies of scale
* D. Pay-as-you-go pricing **Most Voted**

Which AWS service supports a hybrid architecture that gives users the ability to extend AWS infrastructure, AWS services, APIs, and tools to data centers, co- location environments, or on-premises facilities?

* A. AWS Snowmobile
* B. AWS Local Zones
* C. AWS Outposts
* D. AWS Fargate

A company has a physical tape library to store data backups. The tape library is running out of space. The company needs to extend the tape library's capacity to the AWS Cloud.  
Which AWS service should the company use to meet this requirement?

* A. Amazon Elastic Block Store (Amazon EBS)
* B. Amazon S3
* C. Amazon Elastic File System (Amazon EFS)
* D. AWS Storage Gateway **Most Voted**

n online retail company has seasonal sales spikes several times a year, primarily around holidays. Demand is lower at other times. The company finds it difficult to predict the increasing infrastructure demand for each season.  
Which advantages of moving to the AWS Cloud would MOST benefit the company? (Choose two.)

* A. Global footprint
* B. Elasticity **Most Voted**
* C. AWS service quotas
* D. AWS shared responsibility model
* E. Pay-as-you-go pricing **Most Voted**

Which AWS service can be used to turn text into lifelike speech?

* A. Amazon Polly
* B. Amazon Kendra
* C. Amazon Rekognition
* D. Amazon Connect

Which AWS service or tool can be used to capture information about inbound and outbound traffic in an Amazon VPC?

* A. VPC Flow Logs
* B. Amazon Inspector
* C. VPC endpoint services
* D. NAT gateway

A company wants to ensure that two Amazon EC2 instances are in separate data centers with minimal communication latency between the data centers.  
How can the company meet this requirement?

* A. Place the EC2 instances in two separate AWS Regions connected with a VPC peering connection.
* B. Place the EC2 instances in two separate Availability Zones within the same AWS Region. **Most Voted**
* C. Place one EC2 instance on premises and the other in an AWS Region. Then connect them by using an AWS VPN connection.
* D. Place both EC2 instances in a placement group for dedicated bandwidth.

In which situations should a company create an IAM user instead of an IAM role? (Choose two.)

* A. When an application that runs on Amazon EC2 instances requires access to other AWS services
* B. When the company creates AWS access credentials for individuals
* C. When the company creates an application that runs on a mobile phone that makes requests to AWS
* D. When the company needs to add users to IAM groups
* E. When users are authenticated in the corporate network and want to be able to use AWS without having to sign in a second time

Which AWS services should a company use to read and write data that changes frequently? (Choose two.)

* A. Amazon S3 Glacier
* B. Amazon RDS **Most Voted**
* C. AWS Snowball
* D. Amazon Redshift
* E. Amazon Elastic File System (Amazon EFS) **Most Voted**

Which AWS service is used to provide encryption for Amazon EBS?

* A. AWS Certificate Manager
* B. AWS Systems Manager
* C. AWS KMS
* D. AWS Config

Which AWS services make use of global edge locations? (Choose two.)

* A. AWS Fargate
* B. Amazon CloudFront **Most Voted**
* C. AWS Global Accelerator **Most Voted**
* D. AWS Wavelength
* E. Amazon VPC

A company is operating several factories where it builds products. The company needs the ability to process data, store data, and run applications with local system interdependencies that require low latency.  
Which AWS service should the company use to meet these requirements?

* A. AWS IoT Greengrass
* B. AWS Lambda
* C. AWS Outposts **Most Voted**
* D. AWS Snowball Edge

C should be the one

Which of the following is a recommended design principle for AWS Cloud architecture?

* A. Design tightly coupled components.
* B. Build a single application component that can handle all the application functionality.
* C. Make large changes on fewer iterations to reduce chances of failure.
* D. Avoid monolithic architecture by segmenting workloads. **Most Voted**

D should be the one

A company is designing its AWS workloads so that components can be updated regularly and so that changes can be made in small, reversible increments.  
Which pillar of the AWS Well-Architected Framework does this design support?

* A. Security
* B. Performance efficiency
* C. Operational excellence **Most Voted**
* D. Reliability

Which of the following acts as an instance-level firewall to control inbound and outbound access?

* A. Network access control list
* B. Security groups
* C. AWS Trusted Advisor
* D. Virtual private gateways

A company has a workload that will run continuously for 1 year. The workload cannot tolerate service interruptions.  
Which Amazon EC2 purchasing option will be MOST cost-effective?

* A. All Upfront Reserved Instances **Most Voted**
* B. Partial Upfront Reserved Instances
* C. Dedicated Instances
* D. On-Demand Instances

Which AWS service helps protect against DDoS attacks?

* A. AWS Shield
* B. Amazon Inspector
* C. Amazon GuardDuty
* D. Amazon Detective

Using AWS Config to record, audit, and evaluate changes to AWS resources to enable traceability is an example of which AWS Well-Architected Framework pillar?

* A. Security
* B. Operational excellence
* C. Performance efficiency
* D. Cost optimization

Which AWS tool or feature acts as a VPC firewall at the subnet level?

* A. Security group
* B. Network ACL **Most Voted**
* C. Traffic Mirroring
* D. Internet gateway

Which AWS service can be used to decouple applications?

* A. AWS Config
* B. Amazon Simple Queue Service (Amazon SQS) **Most Voted**
* C. AWS Batch
* D. Amazon Simple Email Service (Amazon SES)

Which disaster recovery option is the LEAST expensive?

* A. Warm standby
* B. Multisite
* C. Backup and restore **Most Voted**
* D. Pilot light

Which type of AWS storage is ephemeral and is deleted when an Amazon EC2 instance is stopped or terminated?

* A. Amazon Elastic Block Store (Amazon EBS)
* B. Amazon EC2 instance store
* C. Amazon Elastic File System (Amazon EFS)
* D. Amazon S3

Which of the following is a characteristic of the AWS account root user?

* A. The root user is the only user that can be configured with multi-factor authentication (MFA).
* B. The root user is the only user that can access the AWS Management Console.
* C. The root user is the first sign-in identity that is available when an AWS account is created. **Most Voted**
* D. The root user has a password that cannot be changed.

C is the one

A company hosts an application on an Amazon EC2 instance. The EC2 instance needs to access several AWS resources, including Amazon S3 and Amazon  
DynamoDB.  
What is the MOST operationally efficient solution to delegate permissions?

* A. Create an IAM role with the required permissions. Attach the role to the EC2 instance.
* B. Create an IAM user and use its access key and secret access key in the application.
* C. Create an IAM user and use its access key and secret access key to create a CLI profile in the EC2 instance
* D. Create an IAM role with the required permissions. Attach the role to the administrative IAM user.

Which of the following is a component of the AWS Global Infrastructure?

* A. Amazon Alexa
* B. AWS Regions
* C. Amazon Lightsail
* D. AWS Organizations

What is the purpose of having an internet gateway within a VPC?

* A. To create a VPN connection to the VPC
* B. To allow communication between the VPC and the internet
* C. To impose bandwidth constraints on internet traffic
* D. To load balance traffic from the internet across Amazon EC2 instances

Which AWS service allows users to download security and compliance reports about the AWS infrastructure on demand?

* A. Amazon GuardDuty
* B. AWS Security Hub
* C. AWS Artifact
* D. AWS Shield

A pharmaceutical company operates its infrastructure in a single AWS Region. The company has thousands of VPCs in a various AWS accounts that it wants to interconnect.  
Which AWS service or feature should the company use to help simplify management and reduce operational costs?

* A. VPC endpoint
* B. AWS Direct Connect
* C. AWS Transit Gateway **Most Voted**
* D. VPC peering

VPC Peering is not transitive. That is why it's wrong. Transit Gateway acts like a hub and spoke device that can connect instantly to all the VPCs with the Transit Gateway as the central connector.

Not sure – Seems to C

A company is planning an infrastructure deployment to the AWS Cloud. Before the deployment, the company wants a cost estimate for running the infrastructure.  
Which AWS service or feature can provide this information?

* A. Cost Explorer
* B. AWS Trusted Advisor
* C. AWS Cost and Usage Report
* D. AWS Pricing Calculator

Which AWS service of tool helps to centrally manage billing and allow controlled access to resources across AWS accounts?

* A. AWS Identity and Access Management (IAM)
* B. AWS Organizations
* C. Cost Explorer
* D. AWS Budgets

Which of the following are Amazon Virtual Private Cloud (Amazon VPC) resources?

* A. Objects; access control lists (ACLs)
* B. Subnets; internet gateways
* C. Access policies; buckets
* D. Groups; roles

A company needs to identify the last time that a specific user accessed the AWS Management Console.  
Which AWS service will provide this information?

* A. Amazon Cognito
* B. AWS CloudTrail
* C. Amazon Inspector
* D. Amazon GuardDuty

A company launched an Amazon EC2 instance with the latest Amazon Linux 2 Amazon Machine Image (AMI).  
Which actions can a system administrator take to connect to the EC2 instance? (Choose two.)

* A. Use Amazon EC2 Instance Connect. **Most Voted**
* B. Use a Remote Desktop Protocol (RDP) connection.
* C. Use AWS Batch
* D. Use AWS Systems Manager Session Manager. **Most Voted**
* E. Use Amazon Connect

A company wants to perform sentiment analysis on customer service email messages that it receives. The company wants to identify whether the customer service engagement was positive or negative.  
Which AWS service should the company use to perform this analysis?

* A. Amazon Textract
* B. Amazon Translate
* C. Amazon Comprehend
* D. Amazon Rekognition

What is the total amount of storage offered by Amazon S3?

* A. 100MB
* B. 5 GB
* C. 5 TB
* D. Unlimited **Most Voted**

A company is migrating to Amazon S3. The company needs to transfer 60 TB of data from an on-premises data center to AWS within 10 days.  
Which AWS service should the company use to accomplish this migration?

* A. Amazon S3 Glacier
* B. AWS Database Migration Service (AWS DMS)
* C. AWS Snowball
* D. AWS Direct Connect

What type of database is Amazon DynamoDB?

* A. In-memory
* B. Relational
* C. Key-value
* D. Graph

A large organization has a single AWS account.  
What are the advantages of reconfiguring the single account into multiple AWS accounts? (Choose two.)

* A. It allows for administrative isolation between different workloads. **Most Voted**
* B. Discounts can be applied on a quarterly basis by submitting cases in the AWS Management Console.
* C. Transitioning objects from Amazon S3 to Amazon S3 Glacier in separate AWS accounts will be less expensive.
* D. Having multiple accounts reduces the risks associated with malicious activity targeted at a single account. **Most Voted**
* E. Amazon QuickSight offers access to a cost tool that provides application-specific recommendations for environments running in multiple accounts.

A retail company has recently migrated its website to AWS. The company wants to ensure that it is protected from SQL injection attacks. The website uses an  
Application Load Balancer to distribute traffic to multiple Amazon EC2 instances.  
Which AWS service or feature can be used to create a custom rule that blocks SQL injection attacks?

* A. Security groups
* B. AWS WAF
* C. Network ACLs
* D. AWS Shield

WAF – Web application firewall - AWS WAF works together with Amazon CloudFront and an Application Load Balancer. Recall the network access control lists that you learned about in an earlier module. AWS WAF works in a similar way to block or allow traffic. However, it does this by using a [**web access control list (ACL)**](https://docs.aws.amazon.com/waf/latest/developerguide/web-acl.html) to protect your AWS resources.

When a request comes into AWS WAF, it checks against the list of rules that you have configured in the web ACL. If a request did not come from one of the blocked IP addresses, it allows access to the application.

Which AWS service provides a feature that can be used to proactively monitor and plan for the service quotas of AWS resources?

* A. AWS CloudTrail
* B. AWS Personal Health Dashboard
* C. AWS Trusted Advisor **Most Voted**
* D. Amazon CloudWatch **Most Voted**

It is D

Which of the following is an advantage that users experience when they move on-premises workloads to the AWS Cloud?

* A. Elimination of expenses for running and maintaining data centers
* B. Price discounts that are identical to discounts from hardware providers
* C. Distribution of all operational controls to AWS
* D. Elimination of operational expenses

Which design principle is included in the operational excellence pillar of the AWS Well-Architected Framework?

* A. Create annotated documentation.
* B. Anticipate failure. **Most Voted**
* C. Ensure performance efficiency.
* D. Optimize costs.

Which AWS services offer gateway VPC endpoints that can be used to avoid sending traffic over the internet? (Choose two.)

* A. Amazon Simple Notification Service (Amazon SNS)
* B. Amazon Simple Queue Service (Amazon SQS)
* C. AWS CodeBuild
* D. Amazon S3 **Most Voted**
* E. Amazon DynamoDB **Most Voted**

Gateway endpoints **provide reliable connectivity to Amazon S3 and DynamoDB without requiring an internet gateway or a NAT device for your VPC**. Gateway endpoints do not enable AWS PrivateLink

Which of the following is the customer responsible for updating and patching, according to the AWS shared responsibility model?

* A. Amazon FSx for Windows File Server
* B. Amazon WorkSpaces virtual Windows desktop
* C. AWS Directory Service for Microsoft Active Directory
* D. Amazon RDS for Microsoft SQL Server

Who has the responsibility to patch the host operating system of an Amazon EC2 instance, according to the AWS shared responsibility model?

* A. Both AWS and the customer
* B. The customer only
* C. The EC2 hardware manufacturer
* D. AWS only **Most Voted**

Customer is incorrect because their responsibility is to patch the guest operating system of their EC2 instance and not the host operating system.

A company is using an Amazon RDS DB instance for an application that is deployed in the AWS Cloud. The company needs regular patching of the operating system of the server where the DB instance runs.  
What is the company's responsibility in this situation, according to the AWS shared responsibility model?

* A. Open a support case to obtain administrative access to the server so that the company can patch the DB instance operating system.
* B. Open a support case and request that AWS patch the DB instance operating system.
* C. Use administrative access to the server, and apply the operating system patches during the regular maintenance window that is defined for the DB instance.
* D. Establish a regular maintenance window that tells AWS when to patch the DB instance operating system. **Most Voted**

Why is an AWS Well-Architected review a critical part of the cloud design process?

* A. A Well-Architected review is mandatory before a workload can run on AWS.
* B. A Well-Architected review helps identify design gaps and helps evaluate design decisions and related documents.
* C. A Well-Architected review is an audit mechanism that is a part of requirements for service level agreements.
* D. A Well-Architected review eliminates the need for ongoing auditing and compliance tests.

A company implements an Amazon EC2 Auto Scaling policy along with an Application Load Balancer to automatically recover unhealthy applications that run on  
Amazon EC2 instances.  
Which pillar of the AWS Well-Architected Framework does this action cover?

* A. Security
* B. Performance efficiency
* C. Operational excellence
* D. Reliability **Most Voted**

Which AWS Cloud benefit is shown by an architecture's ability to withstand failures with minimal downtime?

* A. Agility
* B. Elasticity
* C. Scalability
* D. High availability

Under the AWS shared responsibility model, which task is the customer's responsibility when managing AWS Lambda functions?

* A. Creating versions of Lambda functions **Most Voted**
* B. Maintaining server and operating systems
* C. Scaling Lambda resources according to demand
* D. Updating the Lambda runtime environment

What does the AWS Concierge Support team provide?

* A. A technical expert dedicated to the user
* B. A primary point of contact for AWS Billing and AWS Support **Most Voted**
* C. A partner to help provide scaling guidance for an event launch
* D. A dedicated AWS staff member who reviews the user's application architecture

B

A company needs to generate reports that can break down cloud costs by product, by company-defined tags, and by hour, day, and month.  
Which AWS tool should the company use to meet these requirements?

* A. Reserved Instance utilization and coverage reports
* B. Savings Plans utilization reports
* C. AWS Budgets reports
* D. AWS Cost and Usage Reports

 company has a serverless application that includes an Amazon API Gateway API, an AWS Lambda function, and an Amazon DynamoDB database.  
Which AWS service can the company use to trace user requests as they move through the application's components?

* A. AWS CloudTrail **Most Voted**
* B. Amazon CloudWatch
* C. Amazon Inspector
* D. AWS X-Ray **Most Voted**

AWS X-Ray provides a complete view of requests as they travel through your application and filters visual data across payloads, functions, traces, services, APIs, and more with no-code and low-code motions.

A company needs to set up a petabyte-scale data warehouse in the AWS Cloud.  
Which AWS service will meet this requirement?

* A. Amazon DynamoDB
* B. Amazon RDS
* C. Amazon Redshift
* D. Amazon ElastiCache

Which AWS service is always provided at no charge?

* A. Amazon S3
* B. AWS Identity and Access Management (IAM)
* C. Elastic Load Balancers
* D. AWS WAF

A company needs to design an AWS disaster recovery plan to cover multiple geographic areas.  
Which action will meet this requirement?

* A. Configure multiple AWS accounts.
* B. Configure the architecture across multiple Availability Zones in an AWS Region.
* C. Configure the architecture across multiple AWS Regions.
* D. Configure the architecture among many edge locations.

Which of the following is a benefit of moving from an on-premises data center to the AWS Cloud?

* A. Compute instances can be launched and terminated as needed to optimize costs. **Most Voted**
* B. Compute costs can be viewed in the AWS Billing and Cost Management console.
* C. Users retain full administrative access to their compute instances.
* D. Users can optimize costs by permanently running enough instances at peak load.

In which ways does the AWS Cloud offer lower total cost of ownership (TCO) of computing resources than on-premises data centers? (Choose two.)

* A. AWS replaces upfront capital expenditures with pay-as-you-go costs. **Most Voted**
* B. AWS is designed for high availability, which eliminates user downtime.
* C. AWS eliminates the need for on-premises IT staff.
* D. AWS uses economies of scale to continually reduce prices. **Most Voted**
* E. AWS offers a single pricing model for Amazon EC2 instances.

A & D

Which AWS service monitors AWS accounts for security threats?

* A. Amazon GuardDuty
* B. AWS Secrets Manager
* C. Amazon Cognito
* D. AWS Certificate Manager (ACM)

Which benefit is included with an AWS Enterprise Support plan?

* A. AWS Partner Network (APN) support at no cost.
* B. Designated support from an AWS technical account manager (TAM)
* C. On-site support from AWS engineers
* D. AWS managed compliance as code with AWS Config

Which task does AWS perform automatically?

* A. Encrypt data that is stored in Amazon DynamoDB. **Most Voted**
* B. Patch Amazon EC2 instances.
* C. Encrypt user network traffic.
* D. Create TLS certificates for users' websites.

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

* A. AWS Trusted Advisor
* B. Amazon CloudWatch
* C. Cost Explorer
* D. AWS Budgets

A company wants to deploy some of its resources in the AWS Cloud. To meet regulatory requirements, the data must remain local and on premises. There must be low latency between AWS and the company resources.  
Which AWS service or feature can be used to meet these requirements?

* A. AWS Local Zones
* B. Availability Zones
* C. AWS Outposts **Most Voted**
* D. AWS Wavelength Zones

C

A company requires an isolated environment within AWS for security purposes.  
Which action can be taken to accomplish this?

* A. Create a separate Availability Zone to host the resources.
* B. Create a separate VPC to host the resources. **Most Voted**
* C. Create a placement group to host the resources.
* D. Create an AWS Direct Connect connection between the company and AWS.