1.	What are the four main factors that a solutions architect should consider when they must choose a Region?	1 / 1 point
	Catency, taxes, speed, and compliance	
	Latency, high availability, taxes, and compliance	
	Latency, price, service availability, and compliance	
	Latency, security, high availability, and resiliency	
	Correct A solutions architect should consider the following four aspects when deciding which AWS Region to use for hosting applications and workloads: latency, price, service availability, and compliance. For more information, see the AWS Global Infrastructure video in week 1.	
2.	True or False: Every action a user takes in AWS is an API call.	1 / 1 point
	True	
	○ False	
	Correct In AWS, every action a user takes is an API call that is authenticated and authorized. A user can make API calls through the AWS Management Console, the AWS Command Line Interface (AWS CLI), or the AWS SDKs. For more information, see the <i>Interacting with AWS</i> video.	
3.	Which statement BEST describes the relationship between Regions, Availability Zones and data centers?	1 / 1 point
	O Data centers are clusters of Regions. Regions are clusters of Availability Zones.	
	Availability Zones are clusters of Regions. Regions are clusters of data centers.	

	 Data centers are cluster of Availability Zones. Regions are clusters of Availability Zones. 	
	Regions are clusters of Availability Zones. Availability Zones are clusters of data centers.	
	Correct The AWS Cloud infrastructure is built around AWS Regions and Availability Zones. An AWS Region is a physical location in the world that has multiple Availability Zones. Availability Zones consist of one or more discrete data centers, each with redundant power, networking, and connectivity, housed in separate facilities. For more information, see the AWS Global Infrastructure video in week 1.	
4.	What is a benefit of cloud computing?	1 / 1 point
	Overprovision for scale.	
	Run and maintain your own data centers.	
	O Increase time-to-market.	
	Go global in minutes.	
5.	A company wants to manage AWS services by using the command line and automating them with scripts. What should the company use to accomplish this goal?	1 / 1 point
	AWS Management Console	
	AWS Command Line Interface (AWS CLI)	
	O AWS SDKs	
	AWS Management Console and AWS SDKs	

	The AWS CLI is a unified tool that is used to manage AWS services. By downloading and configuring the AWS CLI, the company can control multiple AWS services from the command line and automate them with scripts. For more information about the correct answer, see the <i>Interacting with AWS</i> reading.	
6.	What is a best practice when securing the AWS account root user?	1 / 1 point
	 Activate AWS Identity and Access Management (IAM) access to the Billing and Cost Management console 	
	Use the root user for routine administrative tasks	
	Change account settings	
	Enable multi-factor authentication	
	Correct It is important to not use the AWS account root user access key to sign in to the AWS account. The access key for an AWS account root user gives full access to all resources for all AWS services, including billing information. Users cannot reduce the permissions that are associated with their AWS account root user access key. Users must delete any access keys that are associated with the root user and enable multi-factor authentication (MFA) for the root user account. For more information, see the <i>Protect the AWS Root User</i> reading.	
7.	A solutions architect is consulting for a company. When users in the company authenticate to a corporate network, they want to be able to use AWS without needing to sign in again. Which AWS identity should the solutions architect recommend for this use case?	0 / 1 point
	IAM Group	
	O IAM Role	
	AWS Identity and Access Management (IAM) user	
	AWS account root user	

⊘ Correct

	group. For more information, see the Role Based Access in AWS video.	
8.	Which of the following can be found in an AWS Identity and Access Management (IAM) policy?	1 / 1 point
	○ Effect	
	Action	
	Object	
	A and B	
	O B and C	
	Correct An IAM policy contains a series of elements, including a Version, Statement, Sid, Effect, Principal, Action, Resource, and Condition. For more information, see Introduction to Amazon Identity and Access Management.	
9.	True or False: AWS Identity and Access Management (IAM) policies can restrict the actions of the AWS account root user.	1 / 1 point
	True	
	False	

The account root user has complete access to all AWS services and resources in an account, as well as billing and personal information.

credentials that are associated with the root user, and not to use the root user for everyday tasks. For more information, see the *Protect the AWS*

Because of this, we recommend that you securely lock away the

An IAM user group is a way to attach policies to multiple users at one

all the users in the user group receive the permissions from the user

time. When a company attaches an identity-based policy to a user group,

(X) Incorrect

✓ Correct

Root User reading.

10.	According to the AWS shared responsibility model, which of the following is the responsibility of AWS?	1 / 1 point
	 Controlling the operating system and application platform, as well as encrypting, protecting, and managing customer data. 	
	Managing customer data, encrypting that data, and protecting the data through network firewalls and backups.	
	Managing the hardware, software, and networking components that run AWS services, such as the physical servers, host operating systems, virtualization layers, and AWS networking components.	
	Managing customer data, encrypting that data, and protecting the data through client-side encryption.	
	Correct AWS is responsible for protecting and securing AWS Regions, Availability Zones, and data centers, down to the physical security of the buildings, as well as managing the hardware, software, and networking components that run AWS services.	
11.	Which of the following is recommended if a company has a single AWS account, and multiple people who work with AWS services in that account?	1 / 1 point
	All people must use the root user to work with AWS services on a daily basis.	
	The company should create an AWS Identity and Access Management (IAM) group, grant the group permissions to perform specific job functions, and assign users to a group, or use IAM roles.	
	The company must create AWS Identity and Access Management (IAM) users, and grant users the permissions to perform specific job functions.	
	The company must create an AWS Identity and Access Management (IAM) user and grant the user the permissions to access all AWS resources.	
	Correct With IAM, a company can create an IAM user group, grant the user group the permissions to perform specific job functions, and assign users to a	

group. This way, the company provides granular access to its employees, and people and services have permissions to only the resources that they

need. The company could also achieve the same purpose by using IAM roles for federated access and using granular policies that are attached to roles. For more information, see *Reading: Introduction to AWS Identity and Access Management*.

12.	True or False: According to the AWS shared responsibility model, a customer is responsible for security in the cloud.	1 / 1 point
	True	
	○ False	
	Correct A customer is responsible for security in the cloud, while AWS is responsible for security of the cloud. For more information, see the Security and the AWS Shared Responsibility video.	
13.	. Which of the following provides temporary credentials (that expire after a defined period of time) to AWS services?	1 / 1 point
	O Principle of least privilege	
	IAM role	
	O Identity provider (IdP)	
	AWS IAM Identity Center (successor to AWS Single Sign-On)	
	Correct When a user assumes a role, AWS Identity and Access Management (IAM) dynamically provides temporary credentials that expire after a defined period of time, between 15 minutes and 36 hours. For more information, see Reading: Role Based Access in AWS.	
14.	. A user is hosting a solution on Amazon Elastic Compute Cloud (Amazon EC2). Which networking component is needed to create a private network for	1 / 1 point

their AWS resources?

Virtual private cloud (VPC)

0	Instance
0	Tags
0	Amazon Machine Image (AMI)

⊘ Correct

A VPC is a private network for AWS resources. For more information, see *Hosting the Employee Directory Application on AWS*.