1.Which AWS service could an administrator use to securely control access to AWS’;

resources for users?

**(0) AWS Identity and Access Management (IAM)**

2

What are the components of an AWS access key?

**(O) Access key ID and secret access key**

3. An administrator wants to increase security by creating an environment where

traffic to and from Amazon EC2 instances can be controlled in a stateful manner.

Which security feature would meet their needs?

**Security groups**

4. A company wants to automate management tasks such as collecting system

inventory, applying operating system patches, maintaining up-to-date antivirus

definitions, and configuring operating systems and applications at scale. Which

AWS service would provide these abilities?

**(0) AWS Systems Manager**

5.Which service uses machine learning to automatically discover, classify, and protect

sensitive data in AWS?

**@ Amazon Macie**

6 What is a characteristic of Amazon S3 server-side encryption with AWS Key

Management Service (AWS KMS) keys (SSE-KMS)?

**(O) The customer can audit usage of the key.**

7 Which AWS service is an option that can be used to store and retrieve secrets

within an AWS Lambda function?

**AWS Key Management Service (AWS KMS)**

8 What is a characteristic of the security principle to protect data in transit?

**@ Use Transport Layer Security (TLS) connections.**

9 A company wants to establish an identity federation solution for their AWS

account, They want to use a Single centralized directory for identity management.

Which AWS identity federation solution is the best option for the company to

employ?

**@AWS Single Sign-on**

10 What is a feature of the AWS Identity and Access Management (IAM) service?

**(O Temporary access through the use of roles**

11 A company wants to outsource their IT network. However, they want to maintain

control over their networking resources, to include selecting IP address ranges,

creating subnets, and configuring route tables and network gateways. Which AWS

service would provide these abilities?

**Amazon VPC**

12 A cloud administrator wants to be able to rapidly launch as many copies of a

function as needed to scale to the rate Of incoming events. Which AWS service can

provide this capability?

**(O) AWS Lambda**

13. The administrator of a company's AWS resources creates a standalone policy and

attaches it to a principal entity to define their permissions. Which type of policy

has the administrator created?

**Customer managed policy**

14.

A company has experienced significant attrition in the last year and is concerned

about inconsistencies in protecting their network. An administrator has created

best practices to help create consistency in protecting their network, Which option

is NOT a best practice for protecting a network?

Use subnets in one Availability Zone.

O

**Automate network protection.**

15.

What is a characteristic of Amazon S3 server-side encryption with AWS Key

Management Service (AWS KMS) keys (SSE-KMS)?

**(O) The customer can audit usage Of the key,**

16.

A company wants to establish a secure solution for its workforce and machine

identities that require secrets, such as passwords to third-party applications, with

automatic rotation. Which AWS service is the best solution for the company to

store and use secrets securely?

**@AWS Secrets Manager**

17.Monitoring is the continuous verification Of the security and performance Of

resources, applications, and data. The security administrator for an AWS account

wants to activate monitoring in their environment to enhance their security

posture. Which AWS service could help to accomplish this?

**@Amazon CloudWatch**

18. A cloud administrator wants the ability to automatically discover and scan Amazon

EC2 instances for vulnerabilities. Which service would provide that capability?

**Amazon Inspector**

19.Most AWS Identity and Access Management (IAM) policies are defined and stored in

a specific document format. Which document format is most commonly used?

**JavaScript Object Notation (JSON)**

20.Which statement about multi-factor authentication (MFA) is true?

**MFA requires two or more factors to achieve authentication.**

21.

A company wants to automate management tasks such as collecting system

inventory, applying operating system patches, maintaining up-to-date antivirus

definitions, and configuring operating systems and applications at scale. Which

AWS service would provide these abilities?

**AWS Systems Manager**

22.Which statement regarding client-side encryption is NOT true?

**Data is encrypted at its destination by the application or service that receives the**

**data**.

23.A cloud security administrator wants to protect data in transit. Which practice

would best accomplish this?

**Use Secure Sockets Layer (SSL) endpoints over Transport Layer Security (TLS). This**

**method is known as HTTPS.**

24.Which statement about Amazon CloudWatch is true?

**It provides the ability to create alarms that watch metrics and send notifications.**

25.A cloud administrator wants to be able to rapidly launch as many copies of a

function as needed to scale to the rate of incoming events. Which AWS service can

provide this capability?

**AWS Lambda**

26.Which part of the resolution and recovery phase of incident response involves

isolating the incident and performing a deep dive to discover the issue?

**Forensic isolation**

27.Which statement regarding the AWS Single Sign-On service is NOT true?

28.What is a feature of the AWS Identity and Access Management (IAM) service?

**@Temporary access through the use of roles**

29.A company wants to establish an identity federation solution for their AWS

account. They want to use a single centralized directory for identity management.

Which AWS identity federation solution is the best option for the company to

employ?

**@AWS Single Sign-on**

30.A three-tier web application environment is a modular client-server architecture.

Which tiers does this type of application consist of?

**Presentation, application, data**

31.A company wants to use an automated security assessment tool to improve the

security and compliance of applications that they deploy on AWS. Which AWS

service would meet their need?

**Amazon Inspector**

32.A company wants to automate management tasks such as collecting system

inventory, applying operating system patches, maintaining up-to-date antivirus

definitions, and configuring operating systems and applications at scale. Which

AWS service would provide these abilities?

**(0) AWS Systems Manager**

33.An administrator wants to increase security by creating an environment where

traffic to and from Amazon EC2 instances can be controlled in a stateful manner.

Which security feature would meet their needs?

**Security groups**

34.A company requires that data stored in AWS be encrypted at rest. Which approach

would achieve this requirement?

**Encrypt the volume by using AWS Key Management Service (AWS KMS) when storing**

**data in Amazon EBS.**

35.A company wants to establish a secure solution for its workforce and machine

identities that require secrets, such as passwords to third-party applications, with

automatic rotation. Which AWS service is the best solution for the company to

store and use secrets securely?

**AWS Secrets Manager**

36.Which statement about Amazon 53 Block Public Access is true?

**The feature provides settings for access points, buckets, and accounts to help with the**

**management of public access to Amazon S3 resources.**

37.Which statement regarding client-side encryption is NOT true?

**Data is encrypted at its destination by the application or service that receives the**

**data.**

38.Which AWS service is an option that can be used to store and retrieve secrets

within an AWS Lambda function?

**(O) AWS Key Management Service (AWS KMS)**

39.A cloud administrator wants to be able to rapidly launch as many copies of a

function as needed to scale to the rate of incoming events. Which AWS service can

provide this capability?

**(O) AWS Lambda**

40.What is the triad that was originally developed to highlight the important aspects

of information security within an organization?

**Confidentiality, integrity, and availability (CIA)**

41.A company wants to outsource their IT network. However, they want to maintain

control over their networking resources, to include selecting IP address ranges,

creating subnets, and configuring route tables and network gateways. Which AWS

service would provide these abilities?

**Amazon VPC**

42.An IT administrator needs to ensure that data stored in Amazon S3 is encrypted

but does not want to manage the encryption keys. Which encryption mechanism

meets these requirements?

**SSE-S3**

43.Which statement regarding client-side encryption is NOT true?

**Data is encrypted at its destination by the application or service that receives the**

**data**.

44.Elastic Load Balancing (ELB) captures and compresses logs. Where does ELB store

these logs?

**Amazon S3 bucket**

45.Which types of information does Amazon CloudWatch collect monitoring and

operational data as? (Select THREE.)

**Metrics**

**Logs**

**Events**

46.Which statement about Amazon CloudWatch is true?

**It provides the ability to create alarms that watch metrics and send notifications.**

47.A cloud administrator wants to be able to rapidly launch as many copies of a

function as needed to scale to the rate of incoming events. Which AWS service can

provide this capability?

**AWS Lambda**

48.Which phase of incident response involves investigation and diagnosis?

**Discovery and recognition phase**

49.Which AWS service could an administrator use to securely control access to AWS

resources for users?

**AWS Identity and Access Management (IAM)**

50. An AWS Identity and Access Management (IAM) user requests access to a specific

Amazon DynamoDB table within an account. The AWS account administrator wants

to use a policy to grant access to the user. Which type of policy would best

accomplish this?

**Identity-based policy**

\*\* 51.A company wants to improve their security and compliance tracking without

creating additional work or needing additional employees. Which AWS service

would help meet the company's needs?O

*Elastic Load Balancing (ELB)*

AWS Shield

AWS Identity and Access Management (IAM)

**Amazon Inspector**

\*\*\*\* An administrator set up a virtual private cloud (VPC). They want to increase

security and create a virtual firewall for their Amazon EC2 instances to control

inbound and outbound traffic. Which security feature would meet their needs?

O

**Security groups**

O

Subnets

O

**Elastic Load Balancing (ELB)\***

KEYBOARD NAVIGATION

A company needs to store sensitive documents in an Amazon S3 bucket. The

documents must be encrypted at rest at their destination, and the company wants

to manage the underlying keys that are used for encryption. Which method could

they use for this purpose?

**Client-side encryption**

Server-side encryption with Amazon S3 managed keys

Client-side encryption with Amazon Macie

*Server-side encryption with customer-provided keys*

Which statement about Amazon S3 Block Public Access is true?

o

**The feature provides protection for a fixed amount of time or indefinitely.**

o

The feature stores objects by using a write-once-read-many (WORM) model.

management of public access to Amazon S3 resources.

**The feature provides two ways to manage object retention: retention periods and**

**legal holds**.

Which service can be configured to provide logging about storage use?

**Amazon S3**

Which statement is true about using AWS CloudTrail and Amazon CloudWatch

together?

O

Custom CloudTrail alarms can be configured for specific CloudWatch events.

Resource and application performance can be monitored, but user, group, or role

actions cannot be monitored.

O

These services cannot log the identity of a user, group, or role that has performed an

action.

What is an industry best practice for handling incidents?

o

**Avoid using automated containment capabilities.**

o

**Pre-provision access and tools.**

**occurred.**

O

Limit incident response rehearsals to avoid complacency.