AWS Cloud Practitioner Exam - Questions & Answers

1. Which reserve instance provides the highest service cost saving compared to an on-demand instance?

Answer: 3rd year, all operand, standard RL.

2. A company needs to establish a dedicated network connection from a device to AWS. The connection must provide consistent, low-latency network performance. Which AWS service should the company use?

Answer: AWS Direct Connect.

3. Which AWS service scans for software vulnerability and unintended network exposure?

Answer: Amazon Inspector.

4. Which AWS service keeps track of SSL/TLS certificates, creates new certificates, and processes renewals?
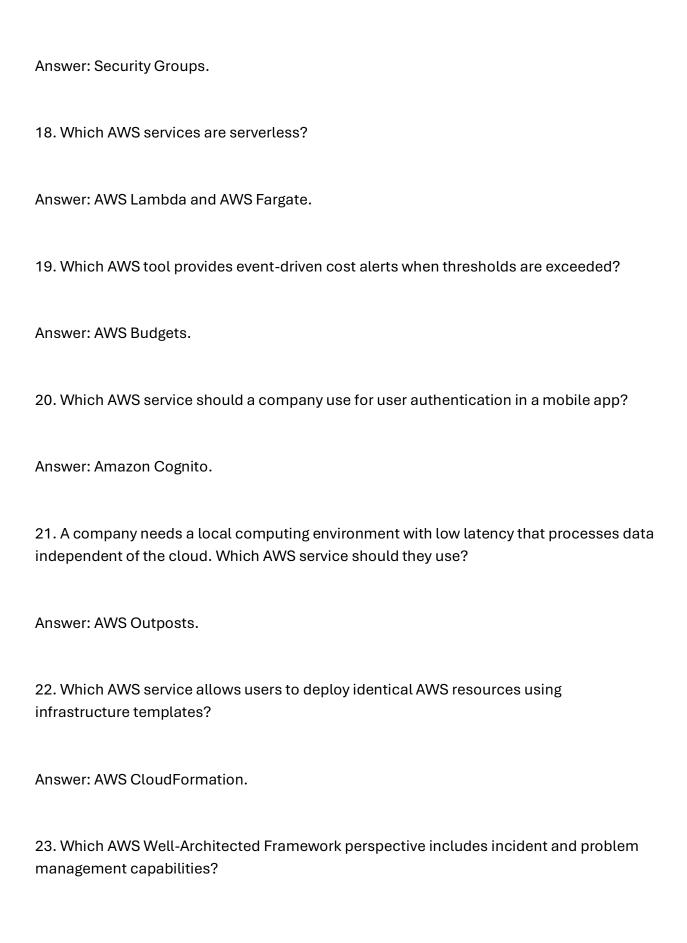
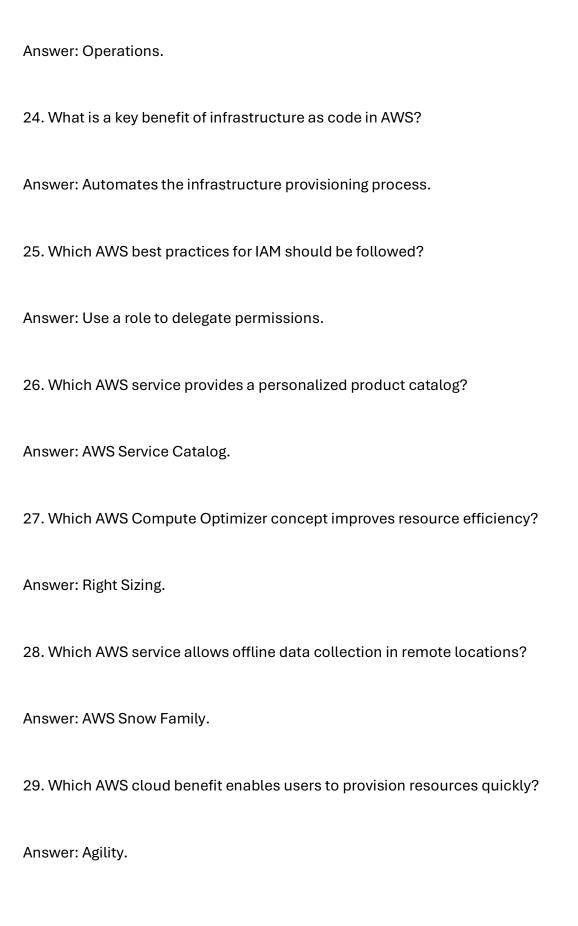Answer: AWS Certificate Manager (ACM).
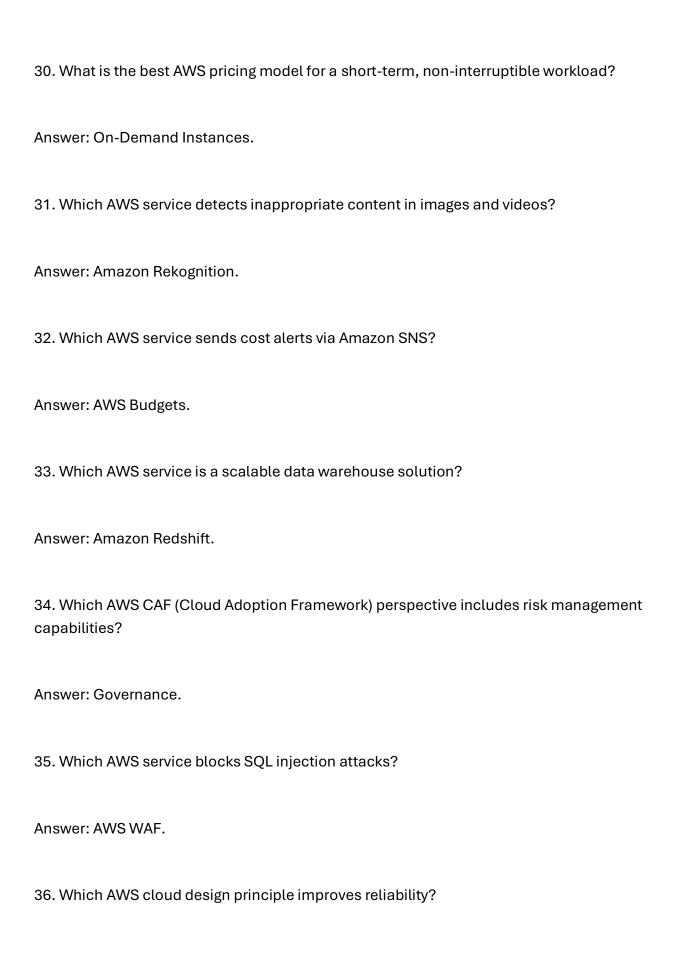
5. Which AWS service offers object storage?

Answer: Amazon S3.

6. A company needs to optimize costs across multiple AWS regions by using a single purchasing option. Which option should be used?

Answer: Compute Savings Plans.

7. A company needs to continuously monitor its environment to analyze network and account activity and identify potential security threats. Which AWS service should they use?

Answer: Amazon GuardDuty.

8. Which AWS service distributes TCP and UDP traffic?

Answer: Network Load Balancer.

9. Which AWS service allows users to download compliance reports from third-party auditors?

Answer: AWS Artifact.

10. Which AWS service ensures messages are sent and received in the exact order?

Answer: Amazon SQS FIFO Queues.

11. Which AWS service automatically sets up and governs a multi-account AWS environment?

Answer: AWS Control Tower.

12. Which AWS service allows a cloud engineer to view API calls to AWS services?

Answer: AWS CloudTrail.

13. What are the benefits of using AWS Serverless Computing?

Answer: Management of infrastructure is offloaded to AWS.

14. Which AWS service should a company use to create an encrypted network connection between two offices over the public internet?

Answer: AWS Site-to-Site VPN.

15. If a user does not know programming concepts, which AWS service should they use to provision EC2 instances?

Answer: AWS Management Console.

16. How can a company minimize network latency between its Amazon EC2 instances?

Answer: Use EC2 instances in a single Availability Zone.

17. Which AWS service allows a company to specify security rules for Amazon EC2 instances?

Answer: Security Groups.

18. Which AWS services are serverless?

Answer: AWS Lambda and AWS Fargate.

19. Which AWS tool provides event-driven cost alerts when thresholds are exceeded?

Answer: AWS Budgets.

20. Which AWS service should a company use for user authentication in a mobile app?

Answer: Amazon Cognito.

21. A company needs a local computing environment with low latency that processes data independent of the cloud. Which AWS service should they use?

Answer: AWS Outposts.

22. Which AWS service allows users to deploy identical AWS resources using infrastructure templates?

Answer: AWS CloudFormation.

23. Which AWS Well-Architected Framework perspective includes incident and problem management capabilities?

Answer: Operations.

24. What is a key benefit of infrastructure as code in AWS?

Answer: Automates the infrastructure provisioning process.

25. Which AWS best practices for IAM should be followed?

Answer: Use a role to delegate permissions.

26. Which AWS service provides a personalized product catalog?

Answer: AWS Service Catalog.

27. Which AWS Compute Optimizer concept improves resource efficiency?

Answer: Right Sizing.

28. Which AWS service allows offline data collection in remote locations?

Answer: AWS Snow Family.

29. Which AWS cloud benefit enables users to provision resources quickly?

Answer: Agility.

30. What is the best AWS pricing model for a short-term, non-interruptible workload?

Answer: On-Demand Instances.

31. Which AWS service detects inappropriate content in images and videos?

Answer: Amazon Rekognition.

32. Which AWS service sends cost alerts via Amazon SNS?

Answer: AWS Budgets.

33. Which AWS service is a scalable data warehouse solution?

Answer: Amazon Redshift.

34. Which AWS CAF (Cloud Adoption Framework) perspective includes risk management capabilities?

Answer: Governance.

35. Which AWS service blocks SQL injection attacks?

Answer: AWS WAF.

36. Which AWS cloud design principle improves reliability?

Answer: Decouple the components.

37. Which AWS global infrastructure component does Amazon CloudFront use for rapid content delivery?

Answer: Edge Locations.

38. Under the AWS Shared Responsibility Model, which tasks are the customer's responsibility?

Answer: Perform client-side data encryption and configure IAM credentials.

39. Which AWS service allows multiple EC2 instances to share a file system using the SMB protocol?

Answer: Amazon FSx for Windows File Server.

40. Which AWS service is responsible for patching the guest OS of an EC2 instance?

Answer: The customer is responsible for patching the guest OS.

41. What AWS tool allows users to monitor billing thresholds and send alerts?

Answer: AWS Budgets.

42. What AWS service allows tracking of progress in application migration?

Answer: AWS Migration Hub.

43. What AWS service supports the ability to analyze billions of relationships between data points in milliseconds?

Answer: Amazon Neptune.

44. What AWS cloud concept allows users to scale compute resources as needed?

Answer: Elasticity.

45. Which AWS service is best for connecting private EC2 instances to the internet?

Answer: NAT Gateway.

46. Which AWS service allows users to model and provision AWS services using common programming languages?

Answer: AWS Cloud Development Kit (CDK).

47. Which AWS service provides a centralized location to track application migration progress?

Answer: AWS Migration Hub.

48. Which AWS Well-Architected Framework pillar focuses on operational excellence?

Answer: Operational Excellence.