

1. A company is developing a music application based on OSS and ECS, their users can download mp3 files after signing up for the application. Recently, the public network traffic to the OSS has doubled but the increase of registered users is less than 10%. After in-depth analysis, system operators find that many download requests are requested from the external search engine. In this case, which of the following measures is thought to be able to address this issue?

- ☐ Migrate music files from the OSS to the data disks for ECS instances
- ☐ Change the website access mode to HTTPS
- ☒ **Enable “Hotlink protection” of OSS and use an HTTP Referer whitelist to prevent unauthorized users from accessing your data**
- ☐ Use SLB for extra protection

Correct

You can configure a HTTP Referer whitelist for a bucket to prevent extra fees caused by unauthorized access to the bucket.

<https://www.alibabacloud.com/help/doc-detail/31901.htm>

2. Which of the following is NOT required for SMC (Server Migration Center) to migrate a server to Alibaba Cloud?

- ☐ Import the migration source information to the SMC console
- ☐ **From the SMC console, configure the type of disk image to be generated during the migration**
- ☒ **The SMC client transfers the source data to an intermediate ECS instance**
- ☐ The SMC backend service generates a target Alibaba Cloud image based on the migration source

Incorrect

<https://www.alibabacloud.com/help/doc-detail/127116.htm>

3. In Alibaba Cloud, a developer finds that the ECS instance he created does not have public IP assigned. The API method used was “CreateInstance”. Which of the following is the most likely reason?

- ☒ **The developer did not call AllocatePublicIpAddress (an additional API call), which is needed to assign a public IP**
- ☐ The CreateSecurityGroup API call was not made
- ☐ The CreateDisk API call was not made
- ☐ The ECS was not restarted after being created

Correct

<https://www.alibabacloud.com/help/doc-detail/25544.htm>

4. Which of the following data volume types is not supported by Elastic Container Instance (ECI)?

- ☐ EmptyDir
- ☐ NFS
- ☐ ConfigFile

☒ **FixedVolume**

Correct

FlexVolume is the correct one

<https://www.alibabacloud.com/help/doc-detail/90672.htm>

5. If you have a Node.js based application and you plan to migrate it to Alibaba Cloud Function Compute, which of the following steps is unnecessary?

☒ **Manually install the Node.js in the Function Compute console**

- ☐ Create a single web application and upload the corresponding code package via the Function Compute console (or fcli)
- ☐ Configure program startup commands and access ports in the Function Compute console
- ☐ Start and verify the application in the Function Compute console

Correct

<https://www.alibabacloud.com/help/doc-detail/73329.htm>

6. Serverless Workflow allow you to orchestrate distributed tasks in sequence, branch, and parallel modes, and ensure that tasks are reliably coordinated according to your workflow logic. Which of the following service integration modes is not supported by Serverless Workflow?

- ☐ Request response mode
- ☐ Synchronization mode

☒ **Asynchronous mode**

- ☐ Waiting for callback mode

Correct

Asynchronous mode is only possible with the combination of MNS service.

https://static-aliyun-doc.oss-cn-hangzhou.aliyuncs.com/download%2Fpdf%2F122479%2FBest_Practices_intl_en-US.pdf

7. Which of the following steps is NOT mandatory when creating an API through Alibaba Cloud API Gateway?

- ☐ Define basic API information
- ☒ **Attach a domain name**
- ☐ Define API Request parameters
- ☐ Define the API backend service

Correct

<https://www.alibabacloud.com/help/doc-detail/29478.htm>

8. A developer accesses logs in a Log Service Logstore via the API. The error code returned by the server is 404. Which of these could be the cause?

- ☒ **The log project (Project) does not exist**
- ☐ The requested digital signature does not match
- ☐ Server internal error
- ☐ Server is busy: please try later

Correct

Error 404 ProjectNotExist: The error message returned because the specified project does not exist.

<https://www.alibabacloud.com/help/doc-detail/29018.htm>

9. A developer has written a web application using a microservice architecture, in such an architecture, the client (web browser or mobile application) first initiates a request. The request first reaches the load balancer, then goes through an authentication service, a billing service, then requests a resource, and finally a result is returned. How many spans does such a call chain consist of?

- ☐ 3
- ☐ 4
- ☒ **5**
- ☐ 6

Correct

1-request, 2-load balancer, 3-authentication service, 4-billing service, 5-resource request

10. You need to log all actions taken by users of your Alibaba Cloud account, whether via the command line tools or the web console. Which Alibaba Cloud product can you use to create a log of user operations?

- ☐ CloudMonitor
- ☒ **ActionTrail**
- ☐ Cloud Config

- ☐ Resource Group

Correct

<https://www.alibabacloud.com/help/doc-detail/28804.htm>

11. How does Cloud Config get permission to gather information about other Alibaba Cloud services?

- ☐ An Access Key
- ☐ A RAM Role
- ☐ By storing a copy of your password
- ☐ It gets automatic permission to access everything, because it is an Alibaba Cloud service

Incorrect

<https://www.alibabacloud.com/help/doc-detail/156642.htm>

12. Which of these is NOT a function of CloudMonitor?

- ☐ Set alarm rules for any of CloudMonitor's metrics
- ☐ Set the alarm rule effective period (the time during which the alarm may trigger)
- ☐ Set notification methods for different alarms
- ☐ Automatically take remedial action when an alarm triggers

Incorrect

<https://www.alibabacloud.com/help/doc-detail/35170.htm>

13. Which of these log formats is currently supported by Alibaba Cloud's ActionTrail?

- ☐ XML
- ☐ HTML
- ☐ JSON
- ☐ Markdown

Incorrect

<https://www.alibabacloud.com/help/doc-detail/140850.htm>

14. Which of the following engines is NOT supported by PolarDB?

- ☐ Oracle
- ☐ MongoDB
- ☐ MySQL

- ☐ PostgreSQL

Incorrect

<https://www.alibabacloud.com/help/doc-detail/58764.htm>

15. Which command is used to get the Docker daemon information?

- ☒ **docker info**
- ☐ docker version
- ☐ docker pull
- ☐ docker image

Correct

<https://docs.docker.com/engine/reference/commandline/info/>

16. Which command should you run to create the resources described in the Terraform scripts?

- ☐ terraform init
- ☐ terraform plan
- ☐ terraform destroy
- ☒ **terraform apply**

Correct

<https://www.terraform.io/docs/cli/commands/apply.html>

17. Which configuration language does Terraform support?

- ☐ Python
- ☐ XML
- ☐ HCL
- ☒ **YAML**

Incorrect

<https://www.terraform.io/docs/language/syntax/configuration.html>

18. Which database utility is suitable for database migration?

- ☒ **DMS**
- ☐ DBS
- ☐ DTS
- ☐ DAS

Incorrect

<https://www.alibabacloud.com/help/doc-detail/176063.htm>

19. Which database utility is suitable for managing databases in a centralized manner?

☒ **DMS**

- ☐ DBS
- ☐ DTS
- ☐ DAS

Correct

<https://www.alibabacloud.com/help/doc-detail/47550.htm>

20. Which database utility is suitable for automate perception, healing, optimization, O&M, and security assurance for databases?

- ☐ **DMS**
- ☐ DBS
- ☐ DTS
- ☐ **DAS**

Incorrect

<https://www.alibabacloud.com/help/doc-detail/64851.htm>

21. Which of the following services is used to establish private network connections between virtual private clouds (VPCs) in different regions, or between VPCs and data centers?

☒ **CEN (Cloud Enterprise Network)**

- ☐ Express Connect
- ☐ VPN Gateway
- ☐ NAT Gateway

Correct

<https://www.alibabacloud.com/help/doc-detail/59870.htm>

22. Which of the following Alibaba Cloud services offers a software-defined wide area network (SD-WAN) solution based on cloud-native technologies?

- ☐ NAT Gateway
- ☐ **Smart Access Gateway (SAG)**
- ☐ **VPN Gateway**
- ☐ Content Delivery Network (CDN)

Incorrect

<https://www.alibabacloud.com/help/doc-detail/69227.htm>

23. Your company decided to replicate the whole cloud environment in another region and use it as a cross-region failover in disaster recovery scenarios. Your current environment includes Elastic Compute Service (ECS) instances, Server Load Balancer (SLB) instances and Relational Database Service (RDS) instances. Which of the following statements is correct?

- ☐ You can provision multiple ECS instances in multiple regions, thereby leveraging automatic high availability across regions
- ☐ You can provision multiple SLB instances in multiple regions, thereby leveraging automatic high availability across regions
- ☐ You can use DNS to resolve domain names to the IP addresses of multiple ECS instances running in different regions
- ☒ You can use DNS to resolve domain names to the IP addresses of multiple SLB instances running in different regions

Correct

<https://cloudacademy.com/course/alibaba-server-load-balancer-1066/alibabas-high-availability/>

24. After you enable health checks of Server Load Balancer (SLB), when one backend ECS instance is declared as unhealthy, which of the following statements is correct?

- ☐ Requests are forwarded to other normal ECS instances and the unhealthy ECS instance is shutted down
- ☒ Requests are forwarded to other normal ECS instances. When the faulty ECS instance becomes normal, SLB forwards requests to the ECS instance again
- ☐ Requests are not forwarded to the ECS instances and you get back a 400 error
- ☐ Requests are not forwarded to the ECS instances and you get back a 500 error

Correct

<https://www.alibabacloud.com/help/doc-detail/27702.htm>

25. You are responsible for the system operations of a product and have implemented the cloud infrastructure in the Alibaba Cloud platform. When business loads increase, _____ automatically adds ECS instances to ensure sufficient computing capabilities. When business loads decrease, the same service automatically removes ECS instances to save costs. Which service are you using?

- ☒ Server Load Balancer (SLB)

☒ **Auto Scaling**

- ☐ Resource Orchestration Service (ROS)
- ☐ Resource Access Management (RAM)

Correct

<https://www.alibabacloud.com/help/doc-detail/25857.htm>

26. Which Alibaba Cloud service is an automated operations and maintenance (O&M) service to execute O&M tasks?

☒ **Operation Orchestration Service (OOS)**

- ☐ Maintenance Orchestration Service (MOS)
- ☐ Resource Orchestration Service (ROS)
- ☐ Resource Access Management (RAM)

Correct

<https://www.alibabacloud.com/help/doc-detail/120556.htm>

27. Which Alibaba Cloud service is used to manage cloud computing resources including the deployment?

- ☐ Operation Orchestration Service (OOS)
- ☐ Maintenance Orchestration Service (MOS)

☒ **Resource Orchestration Service (ROS)**

- ☐ Resource Access Management (RAM)

Correct

<https://www.alibabacloud.com/help/doc-detail/28852.htm>

28. _____ is a fully-managed event-driven computing service that allows you to run code in an elastic and reliable way?

☒ **Function Compute**

- ☐ Serverless Workflow
- ☐ Elastic Compute Service (ECS)
- ☐ Batch Compute

Correct

<https://www.alibabacloud.com/help/doc-detail/52895.htm>

29. Which of the following methods can NOT be used for operating Alibaba Cloud Elastic Compute Service (ECS) instances?

- ☐ CLI

- ☐ SDK
- ☐ Console

☒ CloudFormation

Correct

<https://www.alibabacloud.com/help/doc-detail/25422.htm>

30. Which of the following statements about ECS Snapshot is NOT correct?

- ☐ You can manually create snapshots
- ☐ You can create automatic snapshots
- ☐ **You can roll back a disk by using a snapshot**
- ☐ You can create an ECS instance from a snapshot

Incorrect

You can create a custom image from a snapshot that contains the operating system and data of an ECS instance. Then, you can use the custom image to create multiple instances that have identical application environments.

<https://www.alibabacloud.com/help/doc-detail/25391.htm>

31. A system operator can tag resources for costing and billing purposes.

☒ True

☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/25477.htm>

32. Alibaba Cloud Log Service allows you to store and search logs from a variety of sources, but has no built-in visualization capabilities.

☐ True

☒ False

Correct

<https://www.alibabacloud.com/help/doc-detail/102530.htm>

33. Alibaba Cloud ActionTrail is a service that monitors and records the actions of your Alibaba Cloud account, including the access to and use of cloud products and services through the Alibaba Cloud console, API operations, and SDKs.

☒ True

☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/28804.htm>

34. Cloud Config tracks configuration changes of your resources and evaluates configuration compliance.

☒ True

☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/127388.htm>

35. Tracing Analysis is used to analyze and diagnose performance bottlenecks in a distributed application architecture and make microservice development and diagnostics more efficient.

☒ True

☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/90277.htm>

36. CloudMonitor is for tracking operations on cloud resources.

☐ True

☒ False

Correct

<https://www.alibabacloud.com/help/doc-detail/35170.htm>

37. Resource Management provides a collection of resource management services that support enterprise IT administration.

☒ True

☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/94475.htm>

38. ApsaraDB for HBase is a cost-effective cloud-based intelligent SQL service that is of high scalability and compatible with the open source HBase.

☐ True

☒ False

Incorrect

<https://www.alibabacloud.com/help/doc-detail/49501.htm>

39. PolarDB supports three engines: MySQL, PostgreSQL and Oracle.

- ☐ True
- ☒ False

Incorrect

<https://www.alibabacloud.com/help/doc-detail/58764.htm>

40. RAM supports custom policies.

- ☒ True
- ☐ False

Correct

<https://www.alibabacloud.com/help/doc-detail/93733.htm>

41. As the system administrator of a multinational company, you are responsible for the accounts and resources management on the cloud. Which of the following solutions are suitable for your company's IT Governance? (Number of correct answers: 3)

- ☒ Use role-based SSO for Identities access, use resource directory to manage the resources in shared service account and master account
- ☒ Use CEN for interconnecting different networks globally, use shared VPC to share services between different organizations
- ☒ Use Cloud Config and Action Trail for compliance and audit
- ☐ Use one single VPC for all the resources to have the best performance
- ☐ Stop using Action Trail and Cloud Config to save the storage cost

Correct

<https://www.alibabacloud.com/solutions/it-governance>

42. Which of the following web applications are suitable for deployment on Simple Application Server (SAS), as compared with ECS? (Number of correct answers: 3)

- ☒ Quickly build a personal blog website
- ☒ Quickly build a small e-commerce website
- ☐ Quickly build serverless site using Function Compute
- ☐ Set up a NoSQL database service
- ☒ Quickly build a personal, learning, or test environment

Correct

<https://www.alibabacloud.com/help/doc-detail/58620.htm>

43. Which of the following options correctly describes CloudMonitor Custom Monitoring and Custom Events? (Number of correct answers: 2)

- ☐ Custom Events is used for collection of continuous event type data, queries, and alarms
- ☐ Custom Events is for periodic and continuous collection of time series monitoring data, queries, and alarms
- ☒ Custom Monitoring is used for periodic and continuous collection of time series monitoring data, queries, and alarms
- ☐ Custom Monitoring is used for collection of non-continuous event data, such as information about ECS instance restarts

Incorrect

<https://www.alibabacloud.com/help/doc-detail/35170.htm>

44. In order to deal with sudden spikes in traffic, Company A uses Alibaba Cloud Auto Scaling to set up an alarm trigger task (growing the Scaling Group when the average memory utilization on ECS instances exceeds 80%). During the test, it was found that the alarm task was not executed successfully. Which of these could be possible causes? (Number of correct answers: 3)

- ☒ The ECS instances in the Scaling Group have not yet installed the CloudMonitor monitoring agent
- ☒ Before triggering the alarm task, the number of instances in the group has reached the maximum number of instances allowed (MaxSize)
- ☒ The instance types chosen in the Scaling Configuration are out-of-stock in the Alibaba Cloud Region where the Scaling Group is located
- ☐ The number of instances in the current group exceeds the “expected number of instances” for the Scaling Group

Correct

<https://www.alibabacloud.com/help/doc-detail/74853.htm>

45. Which of these services can be used to monitor Alibaba Cloud resources and send alerts? (Number of correct answers: 3)

- ☒ CloudMonitor
- ☒ ActionTrail
- ☒ Cloud Config
- ☐ Object Storage Service (OSS)

Correct

OSS is an object storage service.

46. Which of these metrics are collected by CloudMonitor's Host Monitoring function? (Number of correct answers: 3)

- ☒ CPU status of the ECS instance
- ☒ Running processes on the ECS instance
- ☐ Storage space used by OSS buckets
- ☐ ECS network I/O

Incorrect

<https://www.alibabacloud.com/help/doc-detail/35170.htm>

47. Which of these Alibaba Cloud services are used for security (either credentials management, logging, or auditing?) (Number of correct answers: 3)

- ☒ ActionTrail
- ☐ Log Service
- ☒ Key Management Service (KMS)
- ☐ Table store

Incorrect

<https://www.alibabacloud.com/help/doc-detail/27280.htm>

48. Alibaba Cloud CloudMonitor is a service that monitors Alibaba Cloud resources and internet applications. Which of the following functions are provided by CloudMonitor? (Number of correct answers: 4)

- ☒ Site monitoring
- ☒ Cloud product monitoring
- ☒ Custom monitoring
- ☒ Alerts
- ☐ Custom firewall

Correct

<https://www.alibabacloud.com/help/doc-detail/35170.htm>

49. Which of the following fields should be defined in the Alibaba Cloud Terraform Provider Configuration? (Number of correct answers: 3)

- ☐ image_id
- ☒ access_key
- ☐ ec2_key

- ☐ region

Incorrect

<https://www.terraform.io/docs/language/providers/requirements.html>

50. Which of these are important concepts in Terraform's configuration language, HCL? (Number of correct answers: 3)

- ☒ Provider
- ☒ Variable
- ☒ Resource
- ☐ Service Mesh

Correct