

DES-1B21^{Q&As}

Specialist - Implementation Engineer, Elastic Cloud Storage

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QUESTION 1

Which SNMP version(s) are supported by ECS?

- A. SNMP v3 only
- B. SNMP v2 only
- C. ECS does not support SNMP
- D. SNMP v2 and SNMP v3

Correct Answer: D

Reference: https://dellemcevents.com/uploads/Dell-EMC-Elastic-Cloud-Storage-ECS-Overview-and-Architecture.pdf (12)

QUESTION 2

Which command is used to update the hare switch firmware?

- A. updateArista
- B. flashboot
- C. firmwaredownload
- D. update firmware
- Correct Answer: A

QUESTION 3

What services are reachable from all nodes and must be included in every ECS data center?

- A. NTP and SNMP
- B. DHCP and PXE
- C. DNS and NTP
- D. SMTP and FTP
- Correct Answer: C

Reference: https://www.emc.com/techpubs/ecs/ecs_plan_install-1.htm

QUESTION 4



What is the default path for the customized topology file?

- A. /var/tmp/installer
- B. /opt/emc/caspian/installer/conf/
- C. /home/admin/
- D. /opt/emc/caspian/installer

Correct Answer: D

QUESTION 5

A newly configured ECS system contains 8 nodes. How many fragments will each ECS node contain when a data chunk is broken up by erasure coding?

A. 2

B. 4

- C. 8
- D. 16

Correct Answer: D

QUESTION 6

An ECS is configured as backend storage for OpenStack Glance. Which type of data will it store?

- A. OpenStack Swift client access information
- B. Disk and server images
- C. Volume data backups
- D. Multimedia files

Correct Answer: B

QUESTION 7

An organization needs to isolate each business unit from the other such that each unit has its own user management, replication configuration, and encryption policy. What should the organization create on the ECS?

- A. Multiple object users
- B. Different buckets
- C. Multiple replication groups



D. Different namespaces

Correct Answer: D

Reference: https://www.emc.com/collateral/TechnicalDocument/docu62942.pdf

QUESTION 8

An ECS storage administrator creates a bucket to be used by the NFS clients. The development team tries to write some objects using the S3 browser on the bucket. They call the storage administrator to inform them that they are experiencing write operation errors.

What is a possible reason for the errors?

- A. Bucket is Read only
- B. Secret key used is not correct
- C. Object user needs write credentials
- D. Base URL was not configured

Correct Answer: A

QUESTION 9

In an environment with two or more VDCs, which operation is unavailable when network connectivity is interrupted between the VDCs?

- A. Read object
- B. Update object
- C. Write object
- D. Create bucket
- Correct Answer: A

Reference: https://storageconsortium.de/content/sites/default/files/downloads/EMC%20ECS%20WP_h14071-ecs-architectural-guide-wp.pdf (30)

QUESTION 10

Which ECS Advanced Retention Management (ARM) feature enables applications to specify a retention period that will trigger when the CAS application receives a specified condition?

- A. Litigation Hold
- **B. Extended Retention Period**



- C. Event Based Retention
- D. Min/Max Governor

Correct Answer: D

Reference: http://doc.isilon.com/ECS/3.1/DataAccessGuide/ecs_c_cas_advanced_retention.html

QUESTION 11

How would you check the current color of an ECS rack?

A. cat /etc/HOSTNAME

- B. getrackinfo
- C. cat /var/tmp/installer/provisioning.txt
- D. rpm -ivh --color=red ecs-os-base

Correct Answer: B

QUESTION 12

Which NAN network topology will suffer from a split-brain condition if a single connection between turtle switches is lost?

A. Daisy chain

- B. Common bus
- C. Star
- D. Ring

Correct Answer: A

Reference: https://www.emc.com/techpubs/ecs/ecs_plan_install-1.htm

QUESTION 13

When planning for a multi-site ECS installation, what is the maximum network latency between sites?

- A. 100 ms
- B. 500 ms
- C. 1,000 ms



D. 5,000 ms

Correct Answer: C

Reference: https://www.emc.com/techpubs/ecs/ecs_plan_install-1.htm

QUESTION 14

For which type of bucket-level encryption is unsupported?

A. Swift

B. S3

C. CAS

D. HDFS

Correct Answer: C

QUESTION 15

ECS has old data on the disks. What command should be used to prepare the disks for a new install of the ECS software?

A. domulti cs_hal list disks

B. viprexec -i "clean_disks --all-dae-and-internal-nonsystem-disks"

C. blkid

D. viprexec "parted rm*"

Correct Answer: B

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