NS0-157 Q&As

NetApp Certified Data Administrator, Clustered Data ONTAP

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QUESTION 1

An administrator for a virtual server named abc17 mounts a new volume named vola at junction named /accounting/teama and creates two directories at the root of the new volume named 2011 and 2011/june. Healso copies a file called report.doc into the directory named june. An NFS client mounts to the root of the namespace. What is the fully qualified path to the report.doc?

A. /abc17/accounting/teama/2011/june/report.doc

B. /accounting/teama/2011/june/report.doc

C. /accounting/vola/teama/2011/june/report.doc

D. /vol/vola/2011/june/report.doc

E. Z:\vola\2011\june\report.doc

Correct Answer: B

QUESTION 2

Which three storage features can be scaled by storage administrators? (Choose three.)

A. capacity scaling, by allowing more than two storage systems to be combined with larger disk shelves

B. energy scaling, by allowing the cluster to share the same power source

C. heterogeneous scaling, by allowing E-Series and FAS-Series systems within a single cluster

D. network scaling, by providing three or more network switches for the cluster network

E. operational scaling, by allowing the entire cluster to be administrated through a single resilient interface

F. performance scaling, by using Flash Cache, SSDs, and Quality of Service

Correct Answer: AEF

QUESTION 3

A customer wants to use Storage Efficiency features on volumes used for backup/archive data. The customer is not concerned with performance degradation and is only concerned about storage efficiency.

Which three Storage Efficiency features should be turned on to meet these needs? (Choose three.)

A. deduplication

B. post compression

C. storage QoS

D. inline compression

E. SyncMirror

Correct Answer: ACE

QUESTION 4

Which of the following statements are true about data protection mirrors? (Choose all that apply)

A. A data protection source volume supports up to 4 destination mirrored volumes

B. A data protection source volume supports up to 1 destination volume per node

C. A volume must be created before it can be used as a mirror destination

D. Creating a mirror relationship also creates the destination volume

Correct Answer: AC

QUESTION 5

Which of the following are appropriate client specification for an export rule? (Choose all that apply)

A. 0.0.0.0/0

B. 192.168.5.0/24

C. .eng.netapp.com

D. \\vs_root\192.168.153.128

Correct Answer: ABC

QUESTION 6

What are four storage efficiency features that Data ONTAP 8.1 or latter Cluster-Mode provides ? (Choose four)

A. transparent files

B. thin provisioning

C. SnapVault

D. FlexClone

E. deduplication

F. compression

Correct Answer: BDEF

QUESTION 7

Which of the following Vserver types are created automatically by the cluster setup process? (choose all that apply)

A. Management

B. Admin

C. Cluster

D. Node

E. Data

F. Diagnostic

Correct Answer: BD

QUESTION 8

You have created a storage virtual machine named SVM1 with a NetBIOS name of FILES1 and you have successfully joined the Active Directory domain. You have created a CIFS share called SHARE1 and have given read/write access to all users. Network connectivity has been verified.

To which path should the users be mapping?

A. \\SHARE1\FILES1

B. \\FILES1\SHARE1

C. \\SVM1\FILES1

D. \\FILES1\SVM1

Correct Answer: C

QUESTION 9

Which four steps must an administrator take before establishing a CIFS share? (Choose four)

A. Create a volume

B. Configure a share policy with the desired values

C. Configure an export policy

D. Configure name mapping

E. Enable Active Directory routing

F. Mount a volume within the Vserver namespace

G. Set a default share policy

Correct Answer: ACDF

QUESTION 10

For Vserver-aware NDMP backups, the _____ must be enabled with cluster- aware backup extensions.

A. vServer management LIF

B. DMA server

C. Data LIF

D. Node management LIF

Correct Answer: C

https://library.netapp.com/ecm/ecm_download_file/ECMP1196874

QUESTION 11

A customer requires a solution that will provide site-level and local failover recovery with support for SMB

3.0.

Which solution accomplishes this requirement?

A. 2-node switchless cluster

B. Fabric MetroCluster

C. Stretch MetroCluster

D. 8-node cluster

Correct Answer: A

The NetApp compression algorithm divides a file into chunks of data called "compression groups." Compression groups are a maximum of 32KB in size.

http://community.netapp.com/t5/Tech-OnTap-Articles/Back-to-Basics-Data- Compression/ta-p/86691

QUESTION 12

Which of the following statements is true about a Flash Pool?

A. A 32 bit or 64 bit aggregate containing SSDs and HDDs

B. A 32 bit aggregate containing SSDs and HDDs

C. A 64 bit aggregate containing SSDs and HDDs

D. A 64 bit aggregate containing only SSDs

Correct Answer: C

QUESTION 13

You just added a vSphere host to your environment that needs access to the existing NFS datasrtore. The applicable export policy is named VMW, and each host\\'s IP address has been given access.

What should you do to grant the new host access to the NFS datastore?

A. Create a new volume.

B. Create a new rule under the VMW export policy.

C. Create a new SVM.

D. Create a new export policy for the new host.

Correct Answer: A

QUESTION 14

With clustered data ONTAP 8.2 and later, which statement is true about deduplication and Flex Vol sizes?

A. Deduplication is supported up to half the maximum volume size for the platform

B. Deduplication is limited to 16 TB

C. Deduplication is limited to 32 TB

D. Deduplication is supported up to the maximum volume size for the platform.

Correct Answer: D

QUESTION 15

Which two clustered interconnect switches are supported in clustered Data ONTAP 8.2? (Choose two)

A. Nexus 5596

B. MDS9124

C. CN5010

D. CN1610

Correct Answer: AD