Vendor: Network Appliance

Exam Code: NS0-164

Exam Name: NetApp Data Administrator ONTAP (NCDA ONTAP)

Version: DEMO

QUESTION 1
Which NetApp administration utility provides installation, management, and mediator services for NetApp ONTAP Select?

A. System Manager
B. SnapCenter
C. BlueXP
D. Deploy

Answer: D
Explanation:
ONTAP Select Deploy is the administration utility used to install, manage, and monitor ONTAP Select clusters and also provides the mediator service required for high availability operations.

QUESTION 2
Which NetApp ONTAP command reports the average delay that each ONTAP subsystem contributes to I/O response times?

A. qos statistics workload latency show
B. statistics system show
C. statistics workload show
D. qos workload show

Answer: B
Explanation:
The statistics system show command reports I/O latency broken down by ONTAP subsystems, such as network, WAFL, and disk, allowing administrators to see the average delay each subsystem contributes to overall I/O response time.

QUESTION 3
Which NetApp tool can pull performance metrics from NetApp ONTAP software and forward the metrics to display on Grafana dashboards?

A. ONTAP System Manager
B. Active IQ Digital Advisor
C. AutoSupport
D. NetApp Harvest

Answer: D
Explanation:
NetApp Harvest collects performance and capacity metrics from ONTAP systems and exports them in formats compatible with time-series databases, enabling the data to be visualized directly in Grafana dashboards.

QUESTION 4
Which component on the Vscan server is responsible for communication between the system running NetApp ONTAP software and the Vscan server?

A. antivirus software
B. scanner policy

C. scanner pool
D. Antivirus Connector

Answer: D
Explanation:
The Antivirus Connector runs on the Vscan server and handles communication between ONTAP and the external antivirus engine, receiving scan requests from ONTAP and returning scan results.

QUESTION 5
Which NetApp tool displays visual graphs of performance metrics that align peaks in system activity with system events occurring at the same time?

A. Active IQ OneCollect
B. Active IQ Config Advisor
C. ONTAP System Manager
D. Active IQ Unified Manager

Answer: D
Explanation:
Active IQ Unified Manager provides visual performance graphs that correlate workload and system performance metrics with system events, allowing administrators to align activity spikes with configuration changes or events occurring at the same time.

QUESTION 6
An administrator plans to configure a SAN environment using Ethernet switches. Which protocol is suitable for this deployment?

A. CIFS
B. S3
C. iSCSI
D. NVMe/FC

Answer: C
Explanation:
iSCSI is a SAN protocol designed to run over standard Ethernet networks. It allows block storage access using TCP/IP, making it suitable for SAN deployments that use Ethernet switches.

QUESTION 7
Which NetApp ONTAP feature enables replication of objects from one bucket to another bucket on a different cluster?

A. FlexClone
B. volume rehost
C. SnapMirror S3
D. SnapVault

Answer: C
Explanation:
SnapMirror S3 is specifically designed to replicate object data between S3 buckets on different ONTAP clusters. It enables bucket-level replication for disaster recovery and data protection use

cases across clusters.

QUESTION 8
A customer has a NetApp ONTAP cluster using only the FC protocol over a 4-port UTA2 adapter in slot 1 using ports 1a and 1b. Why are both ports e1c and e1d unavailable for a NAS workload?

A. The LIFs are configured in another IPspace.
B. The LIFs are migrated to other ports.
C. The physical ports are in an interface group.
D. The UTA2 ports are configured in FC mode.

Answer: D
Explanation:
When UTA2 ports are configured in Fibre Channel mode, they operate exclusively as FC target ports. In this mode, the ports cannot be used for Ethernet-based NAS workloads, which makes them unavailable for protocols such as NFS or SMB.

QUESTION 9
Which two protocols are used for network neighbor discovery in NetApp ONTAP software? (Choose two.)

A. Link Layer Discovery Protocol (LLDP)
B. Secure Shell (SSH)
C. Link Aggregation Control Protocol (LACP)
D. Cisco Discovery Protocol (CDP)

Answer: AD
Explanation:
ONTAP uses LLDP and CDP to discover and exchange information with directly connected network devices. These protocols provide details such as neighboring device identity, port information, and capabilities, which help with network visibility and troubleshooting.

QUESTION 10
A customer is running NetApp ONTAP 9.15.1 with ESXi 8.0 and notices that the unused space of an NVMe namespace is not being reclaimed. What is the first step to correct this issue?

A. Rescan the ESXi datastore view.
B. Enable storage efficiency.
C. Upgrade to ONTAP 9.16.1 or later.
D. Downgrade to ONTAP 9.14.1 or earlier.

Answer: C
Explanation:
Automatic space reclamation for NVMe namespaces with ESXi is supported starting with newer ONTAP releases. Upgrading to ONTAP 9.16.1 or later enables proper handling of NVMe deallocate operations so unused space can be reclaimed correctly.

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