Started on	Wednesday, 29 October 2025, 1:28 PM
State	Finished
Completed on	Wednesday, 29 October 2025, 1:36 PM
Time taken	8 mins 10 secs
Marks	9.00/10.00
Grade	**90.00** out of 100.00

Question 1

Complete

Mark 1.00 out of 1.00

How are retention policies applied to manage versioning in Nasuni?

- a. Snapshots are deleted every 24 hours
- b. Snapshots are overwritten sequentially
- c. Older versions are merged automatically
- d. Older snapshots are pruned only when no references remain

Question 2

Complete

Mark 1.00 out of 1.00

How does Nasuni achieve zero downtime during snapshot creation?

- a. By using multi-threaded cloud upload channels
- b. Using Copy-On-Write to isolate active writes from snapshots
- c. By halting all SMB/NFS writes temporarily
- d. Through asynchronous uploads to object storage

Question 3

Complete

Mark 1.00 out of 1.00

How does Nasuni ensure that identical data blocks are not redundantly stored in cloud object storage?

- a. Through metadata compression
- b. By encrypting each block differently
- c. By increasing snapshot intervals
- d. Using deduplication and chunking

Question 4

Complete

Mark 1.00 out of 1.00

What ensures that data remains protected and recoverable even if ransomware encrypts local files on an edge appliance?

a. Cached data eviction
b. Immutable snapshots in cloud object storage
c. On-premise encryption keys
d. Edge file rehydration

Question 5

Complete

Mark 1.00 out of 1.00

What happens during the "metadata phase" of the snapshot process?

a. Deduplication is performed on local caches
b. File blocks are encrypted and uploaded
c. Snapshots are deleted based on policy
d. The system updates the directory structure, permissions, and version pointers

Question 6

Complete

Mark 1.00 out of 1.00

What happens when multiple Edge Appliances share the same volume during a snapshot operation?

a. All edges simultaneously upload their data
b. One edge acquires a snapshot lock to perform metadata updates
c. Each edge maintains an independent version history
d. The Orchestration Center merges all snapshots into one

Question 7

Complete

Mark 1.00 out of 1.00

What is the primary goal of versioning in the Nasuni Edge Appliance architecture?

a. To minimize snapshot frequency
b. To enhance compression performance
c. To replace deduplication and encryption
d. To capture every file modification for point-in-time recovery

Question 8

Complete

Mark 1.00 out of 1.00

What role does the Copy-On-Write (COW) disk play during snapshots?

- a. Compresses uploaded data before encryption
- b. Manages retention policies for older snapshots
- c. Maintains snapshot consistency while allowing continuous writes
- d. Tracks metadata synchronization between sites

Question 9

Complete

Mark 0.00 out of 1.00

Which component coordinates version propagation and global metadata consistency across all Edge Appliances?

- a. COW disk
- b. Nasuni UniFS
- c. Orchestration Center
- d. Edge Synchronization Engine

Question 10

Complete

Mark 1.00 out of 1.00

Which of the following statements about Nasuni snapshots is TRUE?

- a. Snapshots replace previous snapshots upon completion
- b. Snapshots can be modified once written to cloud storage
- c. Snapshots are immutable once committed to cloud storage
- d. Snapshots are mutable until the next snapshot is taken