

FlashArray-Storage-Professional Examengine & FlashArray-Storage-Professional Praxisprüfung



Wenn Sie finden, dass es ein Abenteuer ist, sich mit den Prüfungsmaterialien zur Pure Storage FlashArray-Storage-Professional Zertifizierungsprüfung von Fast2test auf die Prüfung vorzubereiten. Das ganze Leben ist ein Abenteuer. Diejenigen, die am weitesten gehen, sind meistens diejenigen, die Risiko tragen können. Die Prüfungsmaterialien zur Pure Storage FlashArray-Storage-Professional Prüfung von Fast2test werden von den Kandidaten durch Praxis bewährt. Fast2test hat den Kandidaten Erfolg gebracht. Es ist wichtig, Traum und Hoffnung zu haben. Am wichtigsten ist es, den Fuß auf den Boden zu setzen. Wenn Sie Fast2test wählen, können Sie sicher Erfolg erlangen.

Pure Storage FlashArray-Storage-Professional Prüfungsplan:

Thema	Einzelheiten
Thema 1	<ul style="list-style-type: none"> • Troubleshooting: Covers identification and resolution of configuration errors, performance issues, and replication problems using Pure Storage diagnostic tools and alerts. Includes port configuration and predictive support mechanisms to maintain system reliability.
Thema 2	<ul style="list-style-type: none"> • FA File: Covers configuration and management of FA File services, including DNS setup, Active Directory integration, and protocol access. Focuses on enabling secure and efficient file sharing across the organization.
Thema 3	<ul style="list-style-type: none"> • Data Protection: Covers snapshot management, replication configuration, policy management, SafeMode, and advanced replication technologies such as ActiveDR. Focuses on ensuring data availability, disaster recovery, and protection against data loss.
Thema 4	<ul style="list-style-type: none"> • Administration: Covers core administrative tasks including volume configuration, array management, host connections, third-party integrations, and security protocols. Focuses on best practices for maintaining optimal performance and secure access across the storage environment.
Thema 5	<ul style="list-style-type: none"> • Monitoring: Covers the use of Pure1, GUI, and CLI tools to monitor array health, generate reports, and analyze performance and capacity metrics. Includes data reduction ratios, meta forecasting, and proactive capacity planning.

FlashArray-Storage-Professional Praxisprüfung - FlashArray-Storage-Professional Online Prüfung

Jede Version der Pure Storage FlashArray-Storage-Professional Prüfungsunterlagen von uns hat ihre eigene Überlegenheit. PDF Version hat keine Beschränkung für Anlage, deshalb können Sie irgendwo die Unterlagen lesen. Wenn Sie Internet benutzen können, die Online Test Engine der Pure Storage FlashArray-Storage-Professional können Sie sowohl mit Windows, Mac als auch Android, iOS benutzen. Mit Simulations-Software können Sie die Prüfungsumwelt der Pure Storage FlashArray-Storage-Professional erfahren und bessere Kenntnisse darüber erwerben. Übrigens, Sie dürfen die Prüfungssoftware irgendwie viele Male installieren.

Pure Storage Pure Certified FlashArray Storage Professional FlashArray-Storage-Professional Prüfungsfragen mit Lösungen (Q23-Q28):

23. Frage

What is the Pure Storage recommended Maximum Transmission Unit (MTU) size for the replication ports on a FlashArray?

- A. 0
- B. 1
- C. 2

Antwort: A

Begründung:

Understanding MTU: The Maximum Transmission Unit (MTU) defines the largest size of a packet or frame that can be sent in a single network transaction. The standard Ethernet MTU is 1500 bytes. Anything larger than 1500 bytes is referred to as a Jumbo Frame.

Replication Efficiency: Replication involves moving large amounts of data between arrays. Using standard 1500-byte frames results in higher overhead because the CPU must process a larger number of headers for the same amount of data. By increasing the MTU, the FlashArray can pack more data into each frame, reducing CPU interrupts and improving overall throughput.

The Pure Recommendation: Pure Storage specifically recommends an MTU of 9000 for both iSCSI and Replication traffic. This is the industry standard for Jumbo Frames that balances efficiency with compatibility across most enterprise-grade switches.

Configuration Requirements: It is critical to remember that MTU must be configured end-to-end. For an MTU of 9000 to work on the replication ports:

The FlashArray replication ports must be set to 9000.

The network switches along the path (and any routers/ISLs) must support and be configured for at least 9000.

The target array's replication ports must also be set to 9000.

Why 9216 (Option A) is incorrect: While some switches support a "Baby Giant" or slightly larger MTU like 9216 to account for VLAN tagging overhead, Pure's internal and best practice documentation specifically points to 9000 as the standard setting for the array's interface.

24. Frage

An administrator is testing FA File Services configurations and unintentionally disabled User Mapping on an active NFS Export. What happens to file accessibility on that export?

- A. The export will retain accessibility to all existing files but new files can not be created.
- B. The changes to authentication will not be applied until the export is restarted.
- C. The export will lose accessibility to all existing files but have no issue with file creation.

Antwort: C

Begründung:

User Mapping in FA File: On a Pure Storage FlashArray, User Mapping is the mechanism that translates identities between different protocols (like mapping a Windows SID to a Unix UID/GID) or between an external directory service (like Active Directory or LDAP) and the local file system permissions.

The Impact of Disabling Mapping: When User Mapping is disabled on an active NFS export, the FlashArray can no longer resolve the identity of the user attempting to access existing files. Because NFS (specifically NFSv3 and NFSv4.1 supported by Pure) relies on these identifiers to verify file ownership and ACLs, existing files-which are tagged with specific owner IDs-become effectively "orphaned" from the perspective of the incoming request.

Access vs. Creation: * Existing Files: Accessibility is lost because the system cannot verify that the user has the rights to read or

modify the file without the mapping logic.

New Files: Interestingly, in many "No Mapping" configurations, a user may still be able to create new files (often defaulting to a 'nobody' or 'anonymous' UID depending on the export rules), but they will immediately lose the ability to manage or access them once created because the mapping link is broken.

Real-time Application: Unlike some legacy storage systems that require a service restart, Purity applies export policy changes dynamically. As soon as the "User Mapping" toggle is disabled, the logic is removed from the data path, impacting active sessions immediately.

25. Frage

Volume space has increased on a FlashArray and shared space decreased by the same amount. What does this indicate?

- A. Space reclamation fell behind.
- B. Hosts were removed.
- C. Volumes were deleted.

Antwort: C

Begründung:

Understanding Space Reporting: To understand this behavior, you have to look at how Purity calculates capacity. Pure Storage uses a data reduction engine where data is deduplicated and compressed.

Volume Space vs. Shared Space:

Volume Space: This represents the unique data belonging to a specific volume that is not shared with any other volume via deduplication or snapshots.

Shared Space: This represents the data that is common across multiple volumes or snapshots. If you have two volumes that are clones of each other, most of that data is "Shared." The "Shift" Mechanism: When a volume is deleted (and potentially eradicated), the data it once shared with other volumes no longer needs to be "shared." Imagine Volume A and Volume B share 100GB of data. That 100GB is accounted for in Shared Space.

If you delete Volume B, that 100GB of data is now only referenced by Volume A.

Consequently, that 100GB is moved from the Shared Space bucket into Volume A's Volume Space bucket.

Net Result: The total physical space used on the array remains the same initially, but the accounting shifts. You see a decrease in Shared Space and an identical increase in the Volume Space of the remaining volumes that held those deduplication references.

26. Frage

The Load Meter in the Pure1 GUI shows a consistently high workload, averaging a 90% load over the past hour. The array also has high space usage of 85%.

What is the expected result?

- A. The FlashArray will use QoS to limit impact of incoming IO to verify system processes are functioning for health of array.
- B. The FlashArray will prioritize Space Reclamation so array does not exceed 90% full.
- C. The FlashArray will limit Space Reclamation and Space Reporting on array.

Antwort: A

Begründung:

Understanding the Load Meter: The Load Meter in Pure1 and Purity represents the percentage of the array's performance capacity currently being utilized. It takes into account CPU cycles, back-end metadata processing, and front-end I/O. A 90% load means the controllers are nearly saturated.

The Impact of Capacity on Load: As a FlashArray fills up (specifically beyond 80%), the Purity Operating Environment must work harder to find and organize free space. This "Garbage Collection" (GC) process becomes more intensive, which consumes more controller resources and contributes to a higher Load Meter reading.

Internal System QoS: To ensure the stability and integrity of the storage, Pure Storage uses Internal Quality of Service (QoS). This is an "always-on" feature that prioritizes critical system processes (like metadata updates, internal health checks, and data protection) over incoming host I/O during periods of extreme resource contention.

Graceful Performance Pacing: When the load is consistently high (like the 90% described), Purity may introduce small amounts of latency to the host I/O (often seen as "Wait" or "Queue" time) to "pace" the workload. This prevents the controllers from reaching a 100% "locked" state, ensuring the array remains responsive and healthy even under heavy pressure.

Why Option C is incorrect: While the array needs to reclaim space, prioritizing Space Reclamation (a background task) during a 90% performance load would likely push the controllers to 100% load, causing significant latency spikes or instability for the host.

The system must balance reclamation with active production I/O.

27. Frage

What is unified storage for Pure?

- A. FlashArray runs both iSCSI and Fibre Channel (FC) protocols.
- B. FlashArray runs both NFS and SMB protocols.
- C. FlashArray runs both Block and File level protocols.

Antwort: C

Begründung:

Definition of Unified Storage: In the storage industry, "Unified Storage" refers to a platform that can natively serve both Block-level storage (accessed via protocols like Fibre Channel, iSCSI, or NVMe-oF) and File-level storage (accessed via protocols like NFS or SMB) from a single pool of capacity and under a single management interface.

Pure Storage Implementation (FA File): Pure Storage achieved unified storage on the FlashArray through the introduction of Purity//FA File Services. Unlike traditional unified storage that often required a "gateway" or separate hardware "heads," Pure's implementation runs natively on the FlashArray controllers.

Shared Resources: On a unified FlashArray, the global storage pool is shared between volumes (Block) and file systems (File). All of Pure's core data services—such as deduplication, compression, and SafeMode snapshots—apply globally across both block and file data.

Protocol Diversity: While Option A mentions NFS and SMB, those are strictly File protocols. Option C mentions iSCSI and FC, which are strictly Block protocols. Only Option B correctly identifies the combination of Block and File, which defines the "Unified" architecture of the FlashArray.

28. Frage

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Das Vertrauen von den Kunden zu gewinnen ist uns große Ehre. Die Pure Storage FlashArray-Storage-Professional Prüfungssoftware ist schon von zahlreichen Kunden anerkannt worden. Mit Hilfe dieser Software haben fast alle Benutzer die Pure Storage FlashArray-Storage-Professional Prüfung bestanden. Falls Sie sich jetzt auf Pure Storage FlashArray-Storage-Professional vorbereiten, dann können Sie die Demo unserer Prüfungsunterlagen probieren. Wir hoffen, dass unsere Software auch Ihre Anerkennung erlangen kann.

FlashArray-Storage-Professional Praxisprüfung: <https://de.fast2test.com/FlashArray-Storage-Professional-premium-file.html>

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