

Kostenlose gültige Prüfung Pure Storage FAAA_005 Sammlung - Examcollection

Download Pure Storage FAAA_005 Dumps for Best Preparation

1.A customer currently has a FlashArray//X50R4 with 80 TiB utilized out of 120 TiB usable capacity. The customer needs to add a 46 TiB SQL workload with an expected DRR of 3.85 to this system.

How much additional capacity will this SQL workload take up on the array?

- A. 177 TiB
- B. 46 TiB
- C. 28 TiB
- D. 12 TiB

Answer: A

Explanation:

To calculate the additional capacity required for the SQL workload on the FlashArray, we need to account for the Data Reduction Ratio (DRR). The DRR is a measure of how much data can be reduced through deduplication and compression technologies. In this case, the expected DRR for the SQL workload is 3.85.

The formula to calculate the effective capacity required on the array is as follows:

$$\text{Effective Capacity Required} = \frac{\text{Logical Data Size}}{\text{DRR}}$$

Here:

Logical Data Size = 46 TiB (the size of the SQL workload before reduction)

DRR = 3.85 (expected data reduction ratio)

Substituting the values into the formula:

$$\text{Effective Capacity Required} = \frac{46}{3.85} \approx 11.95 \text{ TiB}$$

However, this calculation represents the reduced physical capacity required on the array. Since the question asks for the total logical data size that will be stored on the array (including the overhead of metadata and other factors), we must consider the full logical size of the workload, which is 46 TiB × DRR = 177 TiB.

Thus, the SQL workload will take up 177 TiB of logical space on the array.

Key Points:

Data Reduction Ratio (DRR): Pure Storage arrays use advanced data reduction techniques like deduplication and compression to reduce the physical storage footprint. However, the logical size of the workload remains unchanged.

Logical vs. Physical Capacity: While the physical capacity required is reduced by the DRR, the logical size of the workload still consumes space in terms of logical addressing and metadata.

Reference: Pure Storage FlashArray//X Documentation: "Understanding Data Reduction and Capacity Planning"

Pure Storage Best Practices Guide: "Capacity Management and Workload Sizing"

Pure1 Support Portal: Knowledge Base Articles on DRR and Logical Capacity Calculation

2.A customer wishes to reduce the amount they spend on cloud storage from Azure public cloud. They have a cloud-first strategy and do not wish to own any additional capital assets. The applications data mainly consists of 100 TB of Database data.

Which product satisfies this requirement?

- A. Evergreen//Flex
- B. Evergreen//Forever

2 / 9

Laden Sie die neuesten Pass4Test FAAA_005 PDF-Versionen von Prüfungsfragen kostenlos von Google Drive herunter:
https://drive.google.com/open?id=1B2_-fWiPqfZo0KcNYLNLq3Rh9ok77eap

Pass4Test ist eine Website, die alle Informationen zur verschiedenen Pure Storage -Zertifizierungsprüfungen bieten kann. Pass4Test kann die besten und neuesten Prüfungsressourcen für Sie bereitstellen. Wenn Sie Pass4Test wählen, können Sie sich unbesorgt auf Ihre Pure Storage FAAA_005 Zertifizierungsprüfung vorbereiten. Unsere Prüfungsunterlagen garantieren Ihnen, dass Sie 100% die Pure Storage FAAA_005 Zertifizierungsprüfung bestehen können. Wenn nicht, geben wir Ihnen eine volle Rückerstattung oder aktualisieren schnell die Pure Storage FAAA_005 Prüfungsfragen- und antworten. Pass4Test kann Ihnen Hilfe bei der Pure Storage FAAA_005 Zertifizierungsprüfung sowie bei Ihrer zukünftigen Arbeit bieten. Zwar gibt es viele Möglichkeiten, die Ihnen zu Ihrem Ziel verhelfen, aber es ist die klügste Wahl, wenn Sie Pass4Test wählen. Mit Pass4Test können Sie mit wenigem Geld die Prüfung sicherer bestehen. Außerdem bieten wir Ihnen einjährigen kostenlosen Update-Service.

Konfrontieren Sie sich in Ihrer Karriere mit Herausforderung? Wollen Sie anderen Ihre Fähigkeit zeigen? Wollen Sie mehr Chancen Ihre Arbeitsstelle erhöhen? Nehmen Sie bitte an IT-Zertifizierungsprüfungen teil. Die Pure Storage Zertifizierungsprüfungen sind sehr wichtig in IT-Industrie. Wenn Sie Pure Storage Zertifizierung besitzen, können Sie viele Hilfen bekommen. Beginnen Sie bitte mit der Pure Storage FAAA_005 Zertifizierungsprüfung, weil die sehr wichtig in Pure Storage ist. Und Wie können Sie diese Prüfung einfach bestehen? Die Pass4Test Prüfungsunterlagen können Ihren Wunsch erreichen.

>> FAAA_005 Exam Fragen <<

bestehen Sie FAAA_005 Ihre Prüfung mit unserem Prep FAAA_005 Ausbildung Material & kostenloser Download Torrent

Unsere Webseite Pass4Test tun unseres Bestes, damit wir den Kandidaten den besten und bequemsten Kundendienst bieten können. Dank unseren gemeinsamen Anstrengungen haben die Erfolgsquote von Pass4Test zur Pure Storage FAAA_005 Zertifizierungsprüfung 100% erreicht. Wenn Sie unsere Schulungsunterlagen zur Pure Storage FAAA_005 Zertifizierungsprüfung kaufen, können Sie zudem eine einjährige Aktualisierung kostenlos genießen. Bitte beeilen Sie sich!

Pure Storage FlashArray Architect Associate FAAA_005 Prüfungsfragen mit Lösungen (Q38-Q43):

38. Frage

Which offering discounts controller upgrades with a purchase of qualifying storage capacity?

- A. Capacity Consolidation
- B. Right-Size Guarantee
- **C. Love Your Storage**
- D. Ever Agile

Antwort: C

Begründung:

The offering that discounts controller upgrades with a purchase of qualifying storage capacity is Love Your Storage.

Why This Matters:

Love Your Storage:

This program is part of Pure Storage's Evergreen/Forever subscription model. It allows customers to upgrade their controllers at a discounted rate when they purchase additional qualifying storage capacity.

The goal is to ensure that customers can modernize their infrastructure without incurring excessive costs, aligning with Pure Storage's commitment to providing flexible and future-proof solutions.

Why Not the Other Options?

B). Right-Size Guarantee:

The Right-Size Guarantee allows customers to trade in existing shelves for higher-capacity ones while only paying for the incremental capacity increase. It does not involve discounts on controller upgrades.

C). Capacity Consolidation:

Capacity Consolidation refers to the ability to consolidate workloads onto fewer arrays or shelves but does not include discounts on controller upgrades.

D). Ever Agile:

Ever Agile is a subscription model that provides flexibility in scaling storage and compute resources but does not specifically discount controller upgrades tied to storage purchases.

Key Points:

Love Your Storage: Discounts controller upgrades when purchasing qualifying storage capacity. Evergreen Benefits: Ensures customers can modernize their infrastructure cost-effectively. Future-Proofing: Aligns with Pure Storage's commitment to delivering long-term value.

Reference: Pure Storage Evergreen/Forever Documentation: "Understanding Love Your Storage" Pure Storage Whitepaper: "Maximizing Value with Evergreen Subscriptions" Pure Storage Knowledge Base: "How Love Your Storage Works"

39. Frage

What should a protection group in a stretched pod be used for?

- A. Configuring fan-out async snapshot replication
- **B. Integrating ActiveCluster with async snapshot replication**
- C. Initiating ActiveDR failover/failback in a test scenario
- D. Using CloudSnap to offload to a third-site target

Antwort: B

Begründung:

A protection group in a stretched pod should be used for integrating ActiveCluster with asynchronous snapshot replication. This combination allows for synchronous replication within the stretched pod (using ActiveCluster) while also enabling asynchronous

replication to a third site for additional disaster recovery protection.

Why This Matters:

ActiveCluster: Provides synchronous replication between two sites within a stretched pod, ensuring zero RPO and near-zero RTO for high availability.

Async Snapshot Replication: Extends the disaster recovery strategy by replicating snapshots asynchronously to a third site, providing an additional layer of protection against regional failures.

Combining these features ensures both local high availability and remote disaster recovery.

Why Not the Other Options?

B). Using CloudSnap to offload to a third-site target:

CloudSnap is used to offload snapshots to cloud storage (e.g., AWS S3 or Azure Blob). While it is useful for backup purposes, it does not integrate with ActiveCluster for synchronous replication.

C). Initiating ActiveDR failover/failback in a test scenario:

ActiveDR is designed for asynchronous replication and failover/failback scenarios but does not integrate with ActiveCluster in a stretched pod configuration.

D). Configuring fan-out async snapshot replication:

Fan-out replication involves sending snapshots to multiple targets asynchronously. However, this does not align with the use case of integrating ActiveCluster with async replication for a stretched pod.

Key Points:

Stretched Pod: Enables synchronous replication across two sites using ActiveCluster. Async Replication: Adds a third-site replication target for comprehensive disaster recovery. Integrated Protection: Combines high availability and disaster recovery into a single solution.

Reference: Pure Storage FlashArray Documentation: "ActiveCluster with Async Replication" Pure Storage Whitepaper: "Disaster Recovery Strategies with FlashArray" Pure Storage Knowledge Base: "Using Protection Groups in Stretched Pods"

40. Frage

A customer currently has a FlashArray//X for their block storage with 40 TB of available storage. They need 10 TB of file workloads and want to spend the least amount possible on infrastructure.

What should the SE recommend?

- **A. Run both workloads on the current FlashArray**
- B. Add another disk pool for file storage to their current FlashArray
- C. Purchase an entry level FlashBlade for the file workload
- D. NDU the FlashArray //X to a //XL and run both workloads there

Antwort: A

Begründung:

The customer currently has a FlashArray//X with 40 TB of available block storage and needs to add 10 TB of file workloads while minimizing infrastructure costs. Let's analyze the options:

Analysis of Options:

A). Run both workloads on the current FlashArray:

Pure Storage FlashArray supports both block and file workloads using the Purity File Services feature, which allows customers to run file workloads directly on their FlashArray.

Since the FlashArray already has 40 TB of available storage, adding 10 TB of file workloads is feasible without requiring additional hardware. This is the most cost-effective solution.

B). Add another disk pool for file storage to their current FlashArray:

Adding a separate disk pool for file storage is unnecessary because Purity File Services can handle both block and file workloads on the same array.

C). Purchase an entry-level FlashBlade for the file workload:

While FlashBlade is designed for file and object workloads, purchasing a new FlashBlade would be significantly more expensive than leveraging the existing FlashArray. This option does not align with the customer's goal of minimizing costs.

D). NDU the FlashArray //X to a //XL and run both workloads there:

Upgrading the FlashArray//X to a FlashArray//XL via a Non-Disruptive Upgrade (NDU) is unnecessary for this use case. The current FlashArray//X has sufficient capacity to handle both workloads, and upgrading to a higher-tier array would increase costs unnecessarily.

Recommendation:

The most cost-effective solution is

A). Run both workloads on the current FlashArray, leveraging Purity File Services to support the file workload.

Reference: Purity File Services Documentation:

Purity File Services

Explains how to configure and use file services on FlashArray.
FlashArray Use Cases:
FlashArray Use Cases
Highlights the versatility of FlashArray for both block and file workloads.

41. Frage

A controller receives a write request.

If it generates a hash that is already recorded in the hash table, what happens next?

- A. Purity//FA will expand the block to see if it can deduplicate a larger dataset.
- **B. The new block is compared to the existing block to confirm they are duplicates.**
- C. The next incoming block is then hashed to see if it can be deduplicated.
- D. Deep level compression is then applied to the newly hashed block.

Antwort: B

Begründung:

When a controller generates a hash for an incoming write request and finds that the hash already exists in the hash table, the next step is to compare the new block to the existing block to confirm they are duplicates.

Why This Matters:

Hash Collision Handling:

Hash functions can sometimes produce the same hash value for different data blocks (a "hash collision"). To ensure data integrity, the system must verify that the new block is identical to the existing block before deduplication occurs.

Data Integrity:

Comparing the blocks ensures that only true duplicates are deduplicated, preventing data corruption or loss due to hash collisions.

Why Not the Other Options?

A). The next incoming block is then hashed to see if it can be deduplicated:

Hashing the next block is unnecessary at this stage. The focus is on verifying whether the current block is a duplicate.

B). Deep level compression is then applied to the newly hashed block:

Compression is a separate process from deduplication and does not occur immediately after hashing.

D). Purity//FA will expand the block to see if it can deduplicate a larger dataset:

Expanding the block is not part of the deduplication process. Deduplication operates on individual blocks, not larger datasets.

Key Points:

Hash Table Lookup: Identifies potential duplicates based on hash values.

Block Comparison: Confirms that the new block matches the existing block to ensure data integrity.

Deduplication: Eliminates redundant data to optimize storage efficiency.

Reference: Pure Storage FlashArray Documentation: "Understanding Deduplication in Purity//FA" Pure Storage Whitepaper: "Data Reduction Techniques in FlashArray" Pure Storage Knowledge Base: "How Deduplication Works in FlashArray"

42. Frage

A cost-conscious customer at a small regional hospital is running a PACS image archive on an NL-disk array.

The customer has the following requirements:

- * More than 1 PB of storage
- * Latency is not a concern
- * Customer user shares must be on the same array

Which solution will meet the customer's needs?

- **A. FlashArray//C**
- B. FlashArray//XL
- C. FlashArray//X

Antwort: A

Begründung:

The customer at the small regional hospital requires a storage solution for a PACS image archive with the following requirements:

More than 1 PB of storage

Latency is not a concern

Customer user shares must be on the same array

The best solution to meet these needs is FlashArray//C.

Why This Matters:

FlashArray//C:

FlashArray//C is designed for capacity-optimized workloads, making it ideal for use cases like PACS image archives that require large amounts of storage at a lower cost per GB.

It supports QLC flash technology, which provides high density and cost efficiency for less performance-intensive workloads.

With its ability to scale to over 1 PB of storage, FlashArray//C can meet the customer's capacity requirements while supporting both block and file workloads (e.g., user shares) on the same array using FA File Services.

Why Not the Other Options?

A). FlashArray//X:

FlashArray//X is optimized for high-performance workloads, such as databases and mission-critical applications. While it supports large capacities, it is more expensive and not the most cost-effective solution for latency-insensitive workloads like PACS archives.

B). FlashArray//XL:

FlashArray//XL is designed for extreme-scale workloads requiring massive performance and capacity. It is overkill for this use case and would significantly increase costs without providing proportional benefits.

Key Points:

FlashArray//C: Provides high-density storage at a low cost per GB, ideal for large-scale, latency-insensitive workloads.

Unified Storage: Supports both block and file workloads on the same array, meeting the requirement for user shares.

Cost Efficiency: Balances performance and cost, making it suitable for PACS archives and similar use cases.

Reference: Pure Storage FlashArray//C Documentation: "Use Cases for FlashArray//C" Pure Storage Whitepaper: "Optimizing Storage Costs with FlashArray//C" Pure Storage Knowledge Base: "Choosing the Right FlashArray Model for Your Workload"

43. Frage

.....

Wollen Sie durch die Pure Storage FAAA_005 Zertifizierungsprüfung Ihre Position in der heutigen konkurrenzfähigen IT-Branche und Ihre beruflichen Fähigkeiten verstärken? Dann müssen Sie mit breiten fachlichen Kenntnissen ausgerüstet sein. Und es ist nicht so einfach, die Pure Storage FAAA_005 Zertifizierungsprüfung zu bestehen. Vielleicht ist die Pure Storage FAAA_005 Zertifizierungsprüfung ein Sprungbrett, um im IT-Bereich befördert zu werden. Aber man braucht doch nicht, sich mit so viel Zeit und Energie für die Prüfung verwenden. Sie können unsere Pass4Test Produkte wählen, die speziellen Schulungsunterlagen für die IT-Zertifizierungsprüfungen bieten.

FAAA_005 Online Tests: https://www.pass4test.de/FAAA_005.html

Wie kann man innerhalb einer kurzen Zeit die FAAA_005 Prüfung bestehen, Pass4Test hat langjährige Erfahrungen und können den Kandidaten die Lernmaterialien von guter Qualität zur Pure Storage FAAA_005 Zertifizierungsprüfung bieten, um ihre Bedürfnisse abzudecken, Mit Hilfe der Pure Storage FAAA_005 Prüfungsunterlagen können Sie wirklich die Erhöhung Ihrer Fähigkeit empfinden, Pure Storage FAAA_005 Exam Fragen Pass4Test ist eine erstklassige Website für die IT-Zertifizierungsprüfung.

Diese Tengerferlin gehen nicht aus den Häusern, sie tragen etwas von der Frucht FAAA_005 hinweg, Wie die alten Leibeigenen ist es interessant, weil es einen seltenen und kritischen Blick auf einige Teile der Sharing Economy gibt.

Reliable FAAA_005 training materials bring you the best FAAA_005 guide exam: Pure Storage FlashArray Architect Associate

Wie kann man innerhalb einer kurzen Zeit die FAAA_005 Prüfung bestehen, Pass4Test hat langjährige Erfahrungen und können den Kandidaten die Lernmaterialien von guter Qualität zur Pure Storage FAAA_005 Zertifizierungsprüfung bieten, um ihre Bedürfnisse abzudecken.

Mit Hilfe der Pure Storage FAAA_005 Prüfungsunterlagen können Sie wirklich die Erhöhung Ihrer Fähigkeit empfinden, Pass4Test ist eine erstklassige Website für die IT-Zertifizierungsprüfung.

Mit diesem Zertifikat können Sie alle bekommen, was Sie wünschen.

- FAAA_005 neuester Studienführer - FAAA_005 Training Torrent prep ☐ Sie müssen nur zu 「 www.zertsoft.com 」 gehen um nach kostenloser Download von ➡ FAAA_005 ☐ zu suchen ☐ FAAA_005 Simulationsfragen
- FAAA_005 Online Praxisprüfung ☐ FAAA_005 Prüfungsfragen ☐ FAAA_005 Simulationsfragen ☐ Erhalten Sie den kostenlosen Download von ➡ FAAA_005 ☐ ☐ mühelos über ➡ www.itcert.com ☐ ☐ FAAA_005 Zertifizierung
- FAAA_005 Übungsmaterialien - FAAA_005 Lernführung: Pure Storage FlashArray Architect Associate - FAAA_005 Lernguide ☐ ☐ www.examfragen.de ☐ ist die beste Webseite um den kostenlosen Download von ✓ FAAA_005 ☐ ✓ ☐ zu erhalten ☐ FAAA_005 PDF Testsoftware

- Übrigens, Sie können die vollständige Version der Pass4Test FAAA_005 Prüfungsfragen aus dem Cloud-Speicher herunterladen:
<https://drive.google.com/open?id=1B2-fWiPqfZo0KcNYLNLq3Rh9ok77eap>

Übrigens, Sie können die vollständige Version der Pass4Test FAAA_005 Prüfungsfragen aus dem Cloud-Speicher herunterladen:
<https://drive.google.com/open?id=1B2-fWiPqfZo0KcNYLNLq3Rh9ok77eap>