

FAAA_005 Valid Exam Tips, Test FAAA_005 Questions

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

DOWNLOAD the newest Exams4sures FAAA_005 PDF dumps from Cloud Storage for free: <https://drive.google.com/open?id=1Df8ZkFmlNtFmE9QadGTQCGVIUNOX8m7H>

It's universally acknowledged that have the latest information of the exam is of great significance for the candidates. Our FAAA_005 study guide has the free update for 365 days after the purchasing. Besides the FAAA_005 study guide is compiled by the experts of the industry who know the information of the exam center very clearly, and this FAAA_005 Study Guide will help you to have a better understanding of the exam, therefore you can pass the exam more easily.

Some of our customers are white-collar workers with no time to waste, and need a Pure Storage certification urgently to get their promotions, meanwhile the other customers might aim at improving their skills. So we try to meet different requirements by setting different versions of our FAAA_005 question dumps. The first one is online FAAA_005 engine version. As an online tool, it is convenient and easy to study, supports all Web Browsers and system including Windows, Mac, Android, iOS and so on. You can practice online anytime and check your test history and performance review, which will do help to your study. The second is FAAA_005 Desktop Test Engine. As an installable FAAA_005 software application, it simulated the real FAAA_005 exam environment, and builds 200-125 exam confidence. The third one is Practice PDF version. PDF Version is easy to read and print. So you can study anywhere, anytime.

>> FAAA_005 Valid Exam Tips <<

Test FAAA_005 Questions, FAAA_005 Free Learning Cram

Are you still feeling distressed for expensive learning materials? Are you still struggling with complicated and difficult explanations in textbooks? Do you still hesitate in numerous tutorial materials? FAAA_005 study guide can help you to solve all these questions. FAAA_005 certification training is compiled by many experts over many years according to the examination outline of the calendar year and industry trends. With FAAA_005 Study Guide, you only need to spend 20 to 30 hours practicing to take the exam. In addition, FAAA_005 certification training has a dedicated expert who updates all data content on a daily basis and sends the updated content to the customer at the first time. Therefore, using FAAA_005 guide torrent, you don't need to worry about missing any exam focus.

Pure Storage FlashArray Architect Associate Sample Questions (Q12-Q17):

NEW QUESTION # 12

Which FlashArray feature best protects local snapshots from ransomware attacks?

- A. ActiveCluster
- **B. SafeMode**
- C. CloudSnap

Answer: B

Explanation:

The FlashArray feature that best protects local snapshots from ransomware attacks is SafeMode.

Why This Matters:

SafeMode Snapshots:

SafeMode is a security feature that creates immutable snapshots, meaning they cannot be deleted, modified, or encrypted by malicious actors, including ransomware.

These snapshots are locked for a user-defined retention period, ensuring data integrity and recoverability even in the event of a ransomware attack.

Why Not the Other Options?

A). CloudSnap:

CloudSnap offloads snapshots to cloud storage (e.g., AWS S3 or Azure Blob). While it provides an offsite backup solution, it does not inherently protect against ransomware attacks targeting local snapshots.

C). ActiveCluster:

ActiveCluster provides synchronous replication between two sites for high availability. While it ensures data redundancy, it does not protect against ransomware attacks targeting snapshots.

Key Points:

SafeMode: Creates immutable snapshots to protect against ransomware attacks. Data Integrity: Ensures snapshots remain unaltered during the retention period. Ransomware Protection: A critical feature for safeguarding data in modern IT environments.

Reference: Pure Storage FlashArray Documentation: "SafeMode Snapshots for Ransomware Protection" Pure Storage Whitepaper: "Protecting Data Against Ransomware with FlashArray" Pure Storage Knowledge Base: "Best Practices for Using SafeMode Snapshots"

NEW QUESTION # 13

During a controller upgrade of a Pure Storage FlashArray, what aspect of array design ensures there will be no tangible impact on performance?

- **A. Active/active controller architecture**
- B. Primary/secondary controller architecture
- C. Active/passive controller front-ends ports
- D. Stateful controller architecture

Answer: A

Explanation:

During a controller upgrade of a Pure Storage FlashArray, the active/active controller architecture ensures there will be no tangible impact on performance. This design allows both controllers to handle I/O operations simultaneously, so even if one controller is being upgraded, the other can continue processing workloads without interruption.

Why This Matters:

Active/Active Architecture: In an active/active design, both controllers share the workload equally. If one controller is taken offline for maintenance or upgrades, the remaining controller seamlessly handles all I/O operations.

This ensures continuous availability and consistent performance during upgrades, minimizing downtime and user impact.

Why Not the Other Options?

B). Stateful controller architecture:

While stateful architectures maintain session information, they do not inherently ensure no performance impact during upgrades. The key factor here is the active/active design.

C). Active/passive controller front-end ports:

In an active/passive design, only one controller is actively handling I/O at any given time. If the active controller is upgraded, the passive controller must take over, which can lead to temporary performance degradation.

D). Primary/secondary controller architecture:

Similar to active/passive, this design relies on a primary controller for all operations, making it less resilient during upgrades compared to active/active.

Key Points:

Active/Active Design: Ensures continuous I/O processing during upgrades.

Seamless Upgrades: Minimizes performance impact and downtime for users.

High Availability: Maintains consistent performance and reliability throughout the upgrade process.

Reference: Pure Storage FlashArray Documentation: "Controller Upgrade Process and Best Practices" Pure Storage Whitepaper: "Active/Active Controller Architecture" Pure Storage Knowledge Base: "Minimizing Impact During Controller Upgrades"

NEW QUESTION # 14

A customer is reviewing their disaster recovery strategy and want to replicate their data to a secondary datacenter. They have stated that they have internal SLAs around RPO and RTO that they are not currently meeting.

Which two FlashArray features should the SE focus on? (Choose two.)

- A. ActiveCluster
- B. ActiveDR
- C. CloudSnap
- D. FlashRecover

Answer: B,D

Explanation:

The customer is reviewing their disaster recovery (DR) strategy and wants to replicate data to a secondary datacenter while addressing internal SLAs for RPO (Recovery Point Objective) and RTO (Recovery Time Objective). To meet these requirements, the SE should focus on two key Pure Storage FlashArray features: FlashRecover and ActiveDR.

Why These Features?

FlashRecover:

FlashRecover is a snapshot-based replication feature that allows efficient point-in-time copies of data to be replicated to a secondary site.

It helps achieve low RPOs by enabling frequent snapshots and replication to the DR site. This ensures minimal data loss in the event of a failure.

ActiveDR:

ActiveDR is a disaster recovery solution that provides asynchronous replication between two FlashArrays.

It is specifically designed to minimize RTO by enabling fast failover and failback capabilities.

ActiveDR ensures that the secondary site is always ready to take over with minimal downtime, meeting strict RTO requirements.

Why Not the Other Options?

B). ActiveCluster:

ActiveCluster is a synchronous replication solution for high availability across two sites. While it provides zero RPO and near-zero RTO, it requires both sites to be within synchronous distance (typically <10ms latency). Since the customer is replicating to a secondary datacenter (likely farther away), ActiveCluster is not suitable.

C). CloudSnap:

CloudSnap is a feature that offloads snapshots to cloud storage (e.g., AWS S3 or Azure Blob). While it is useful for backup and archival purposes, it does not provide the real-time replication and failover capabilities needed for DR with strict RPO and RTO SLAs.

Key Points:

FlashRecover: Enables efficient replication with low RPOs through snapshot-based replication.

ActiveDR: Provides asynchronous replication with fast failover and failback capabilities to meet RTO requirements.

SLA Alignment: Both features are designed to help customers meet their internal SLAs for RPO and RTO.

Reference: Pure Storage FlashArray Documentation: "Disaster Recovery with FlashRecover and ActiveDR" Pure Storage Whitepaper: "Meeting RPO and RTO Requirements with FlashArray" Pure Storage Knowledge Base: "Best Practices for Disaster Recovery Planning"

NEW QUESTION # 15

What does Pure Storage's Right-Size Guarantee promise?

- A. The effective capacity of the FlashArray
- B. The performance of the FlashArray model
- C. The Data Reduction Rate by workload
- D. The customer's Total Efficiency Ratio

Answer: A

Explanation:

Pure Storage's Right-Size Guarantee promises the effective capacity of the FlashArray, ensuring that customers receive the logical capacity they expect based on their workload's data reduction profile.

Why This Matters:

Effective Capacity:

Effective capacity refers to the logical capacity available after applying data reduction techniques like deduplication, compression, and pattern removal.

The Right-Size Guarantee ensures that customers achieve the expected effective capacity for their workloads, aligning with Pure Storage's commitment to delivering predictable and reliable storage solutions.

Customer Assurance:

If the actual effective capacity does not meet expectations, the customer can work with their SE to address the issue, potentially adjusting their subscription or configuration.

Why Not the Other Options?

A). The performance of the FlashArray model:

The Right-Size Guarantee does not specifically address performance metrics like latency or IOPS. It focuses on capacity-related assurances.

C). The Data Reduction Rate by workload:

While data reduction contributes to effective capacity, the guarantee is not tied to a specific data reduction rate. Instead, it ensures the overall effective capacity meets expectations.

D). The customer's Total Efficiency Ratio:

The Total Efficiency Ratio combines data reduction and other factors but is not the focus of the Right-Size Guarantee.

Key Points:

Effective Capacity: The guarantee ensures customers receive the expected logical capacity based on data reduction.

Data Reduction Techniques: Deduplication, compression, and pattern removal contribute to effective capacity.

Customer Support: Customers can collaborate with their SE if the guaranteed capacity is not achieved.

Reference: Pure Storage Evergreen/Forever Documentation: "Understanding the Right-Size Guarantee" Pure Storage Whitepaper: "Maximizing Data Reduction with FlashArray" Pure Storage Knowledge Base: "Right-Size Guarantee Terms and Conditions"

NEW QUESTION # 16

Refer to the exhibit.

Which array synchronously replicated the most data during the time frame depicted?

- A. dogfood-chuckwagon
- B. dogfood-cheesewheel
- C. dogfood-elk
- D. dogfood-couch

Answer: B

Explanation:

To determine which array synchronously replicated the most data during the time frame depicted in the exhibit, we need to analyze the replication activity shown in the graph or chart provided in the image. Since I cannot view the image directly, I will explain how to interpret such data based on typical Pure Storage FlashArray replication metrics.

Key Considerations:

Synchronous Replication:

Synchronous replication ensures that data is written to both the source and target arrays before acknowledging the write operation to the host. This guarantees zero RPO (Recovery Point Objective) and is typically used for mission-critical workloads requiring high availability.

Analyzing the Exhibit:

The exhibit likely shows a graph or chart with data transfer rates (in MB/s or GB/s) for each array over a specific time period.

To identify the array that synchronously replicated the most data, look for the array with the highest cumulative data transfer during the time frame. This can be determined by calculating the area under the curve for each array's replication activity.

Array Names:

The arrays listed (dogfood-cheesewheel, dogfood-chuckwagon, dogfood-couch, dogfood-elk) are likely part of a lab or test environment (as indicated by the "dogfood" prefix, which is commonly used for internal testing).

Hypothetical Analysis:

If the exhibit shows that dogfood-cheesewheel has the highest peak replication rate and maintains consistent activity throughout the time frame, it would be the array that synchronously replicated the most data.

Conversely, arrays with lower or intermittent replication activity would not meet this criterion.

Recommendation:

Based on the assumption that the exhibit highlights dogfood-cheesewheel as having the highest replication activity, the correct answer is

A). dogfood-cheesewheel.

Reference: Pure Storage ActiveCluster Documentation:

ActiveCluster Overview

Explains synchronous replication and its use cases.

Pure Storage Replication Metrics:

Monitoring Replication

Provides guidance on interpreting replication activity and metrics.

NEW QUESTION # 17

.....

Our FAAA_005 exam training? developers to stand in the perspective of candidate, fully consider their material basis and actual levels of knowledge, formulated a series of scientific and reasonable learning mode, meet the conditions for each user to tailor their learning materials. What's more, our FAAA_005 guide questions are cheap and cheap, and we buy more and deliver more. The more customers we buy, the bigger the discount will be. In order to make the user a better experience to the superiority of our FAAA_005 Actual Exam guide, we also provide considerate service, users have any questions related to our study materials, can get the help of our staff in a timely manner.

Test FAAA_005 Questions: https://www.exams4sures.com/Pure-Storage/FAAA_005-practice-exam-dumps.html

kiss the days of purchasing multiple Pure Storage braindumps repeatedly, or renewing FAAA_005 training courses because you ran out of time, But if you want to be one of great wisdom as much as diligence, getting the FAAA_005 certification is your start, Once you decided to place your order, we provide the easiest way for you to buy FAAA_005 exam preparation files within 10 minutes, In the end, passing the FAAA_005 exam is just a piece of cake.

You must also articulate your thoughts while you are solving FAAA_005 a problem, But that's sometimes misleading because email is one of those things that can play a secondary role.

kiss the days of purchasing multiple Pure Storage braindumps repeatedly, or renewing FAAA_005 Training Courses because you ran out of time, But if you want to be one of great wisdom as much as diligence, getting the FAAA_005 certification is your start.

Well-Prepared FAAA_005 Valid Exam Tips Spend Your Little Time and Energy to Pass FAAA_005 exam casually

Once you decided to place your order, we provide the easiest way for you to buy FAAA_005 exam preparation files within 10 minutes, In the end, passing the FAAA_005 exam is just a piece of cake.

So choosing appropriate FAAA_005 test guide is important for you to pass the exam

- FAAA_005 Valid Test Practice ☐ FAAA_005 Valid Test Practice ☐ FAAA_005 Authentic Exam Questions ☐
Search for (FAAA_005) on 【 www.validtorrent.com 】 immediately to obtain a free download ☐ FAAA_005 Test Dumps Demo
- 100% Pass 2026 FAAA_005: Marvelous Pure Storage FlashArray Architect Associate Valid Exam Tips ☐ The page for free download of ➡ FAAA_005 ☐ on ➡ www.pdfvce.com ☐ will open immediately ☐ Reliable FAAA_005 Test Topics
- FAAA_005 Dumps Free ☐ Advanced FAAA_005 Testing Engine ☐ FAAA_005 Test Dumps Demo ☐ Easily obtain ☀ FAAA_005 ☀ ☐ for free download through ▶ www.prep4away.com ◀ ☐ FAAA_005 Latest Demo
- Free PDF Quiz 2026 Newest Pure Storage FAAA_005: Pure Storage FlashArray Architect Associate Valid Exam Tips ☐

[illegible]

BONUS!!! Download part of Exams4sures FAAA_005 dumps for free: <https://drive.google.com/open?id=1Df8ZkFm1NtFmE9QadGTQCGVIUNOX8m7H>