

FAAA_005 Prüfung - FAAA_005 Buch

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Exam : **FAAA_005**

Title : Pure Storage FlashArray
Architect Associate

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Um Ihnen bei der Vorbereitung der Pure Storage FAAA_005 Zertifizierungsprüfung zu helfen, haben wir umfassende Kenntnisse und Erfahrungen. Die von uns bearbeiteten Fragenkataloge werden Ihnen helfen, das Zertifikat leicht zu erhalten. Die Schulungsunterlagen von ZertSoft umfassen die freie Tests, Fragen und Antworten, Übungen sowie Lerntipps zur Pure Storage FAAA_005 Zertifizierungsprüfung.

Viele IT-Leute sind sich einig, dass Pure Storage FAAA_005 Zertifikat ein Sprungbrett zu dem Höhepunkt der IT-Branche ist. Deshalb kümmern sich viele IT-Experten um die Pure Storage FAAA_005 Zertifizierungsprüfung.

>> FAAA_005 Prüfung <<

Die anspruchsvolle FAAA_005 echte Prüfungsfragen von uns garantiert Ihre bessere Berufsaussichten!

Als der professionelle Lieferant der IT-Zertifizierungsunterlagen, bieten wir ZertSoft immer die besten Unterlagen für Kandidaten und helfen vielen Leuten, die Pure Storage FAAA_005 Prüfung zu bestehen. Mit denen Pure Storage FAAA_005 Dumps von ZertSoft können Sie mehr selbstbewusster werden. Bei guter Nutzung der Dumps können Sie in sehr kürzer Zeit, die Pure Storage FAAA_005 Prüfung zu bestehen. Finden Sie es unglaublich? Aber es ist wirklich. Wenn Sie diese Unterlagenfragen von ZertSoft

benutzen, können Sie das Wunder sehen.

Pure Storage FlashArray Architect Associate FAAA_005 Prüfungsfragen mit Lösungen (Q36-Q41):

36. Frage

Which two public cloud storage services are supported as offload targets for Purity CloudSnap? (Choose two.)

- A. Azure Blob Storage
- B. IBM Object Storage
- C. Amazon AWS EBS
- D. Amazon AWS S3

Antwort: A,D

Begründung:

Purity CloudSnap is a feature of Pure Storage FlashArray that enables customers to offload snapshots to public cloud storage for long-term retention or disaster recovery purposes. To determine which public cloud storage services are supported as offload targets, let's analyze the options:

Analysis of Options:

A). Amazon AWS S3:

Amazon S3 (Simple Storage Service) is one of the most widely used object storage services in the public cloud. Purity CloudSnap supports AWS S3 as an offload target, making it a valid choice.

B). IBM Object Storage:

IBM Object Storage is not currently supported as an offload target for Purity CloudSnap. Pure Storage focuses on integration with major cloud providers like AWS and Azure.

C). Amazon AWS EBS:

Amazon EBS (Elastic Block Store) is a block storage service designed for use with EC2 instances. However, CloudSnap does not support AWS EBS as an offload target because it is intended for object storage services like S3.

D). Azure Blob Storage:

Azure Blob Storage is Microsoft's object storage service, similar to AWS S3. Purity CloudSnap supports Azure Blob Storage as an offload target, making it a valid choice.

Recommendation:

The correct answers are

- A). Amazon AWS S3 and
- D). Azure Blob Storage, as these are the supported public cloud storage services for CloudSnap.

Reference: Pure Storage CloudSnap Documentation:

CloudSnap Overview

Explains how CloudSnap integrates with public cloud storage services.

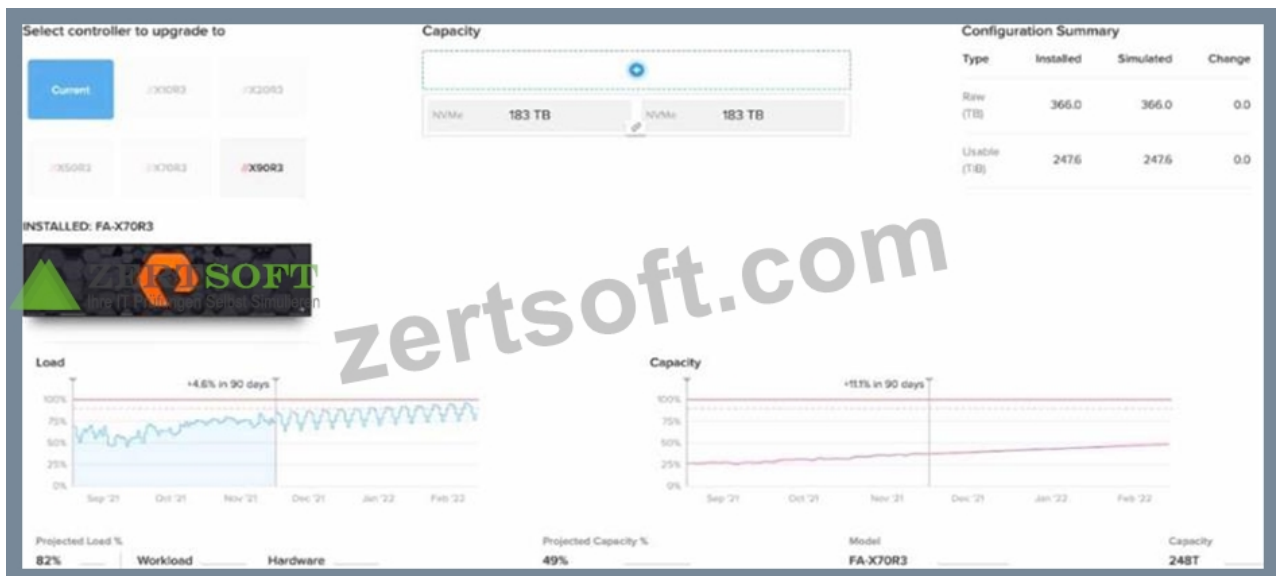
Supported Cloud Providers:

CloudSnap Supported Targets

Lists AWS S3 and Azure Blob Storage as supported offload targets.

37. Frage

Refer to the exhibit.



A customer is assessing the health of their FlashArray.
 What should the customer discuss with their SE based on this information?

- A. Adding a second shelf of NVMe DirectFlash modules
- B. Upgrading the controller to the //X90R3 model
- C. Adding more network ports

Antwort: A

Begründung:

Based on the exhibit (referenced via the link), the customer should discuss adding a second shelf of NVMe DirectFlash modules with their SE. This recommendation is based on the assumption that the exhibit indicates the array is nearing its capacity limits or requires additional storage to accommodate future growth.

Why This Matters:

Capacity Planning:

FlashArray uses DirectFlash Modules to provide high-performance, low-latency storage. If the array is approaching its physical capacity, adding a second shelf of NVMe modules is the most effective way to expand storage without requiring a full hardware upgrade.

This approach ensures the array can continue to meet the customer's growing storage needs while maintaining performance and reliability.

Scalability:

Pure Storage arrays are designed to scale seamlessly by adding expansion shelves. This allows customers to increase capacity without disrupting operations or replacing existing hardware.

Why Not the Other Options?

A). Upgrading the controller to the //X90R3 model:

Upgrading the controller is only necessary if the current controller is nearing its performance limits.

The exhibit does not indicate performance bottlenecks, so this step is likely unnecessary.

C). Adding more network ports:

Adding network ports is relevant for improving connectivity or bandwidth but does not address capacity concerns. If the array is running out of storage space, adding network ports will not resolve the issue.

Key Points:

Capacity Expansion: Adding a second shelf of NVMe modules provides additional storage capacity to support future growth.

Non-Disruptive Scaling: Expansion shelves can be added without downtime, ensuring continuous availability.

Cost Efficiency: Avoids unnecessary upgrades or replacements, optimizing costs while meeting capacity requirements.

Reference: Pure Storage FlashArray Documentation: "Expanding FlashArray Capacity with DirectFlash Modules" Pure Storage Whitepaper: "Scaling Storage with FlashArray Expansion Shelves" Pure Storage Knowledge Base: "Best Practices for Capacity Planning and Expansion"

38. Frage

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. Portworx DBaaS
- C. Evergreen/Forever
- **D. Cloud Block Store**

Antwort: D

Begründung:

The customer has a cloud-first strategy and does not wish to own additional capital assets, meaning they are looking for a solution that operates entirely within the public cloud without requiring on-premises hardware. Additionally, their primary goal is to reduce cloud storage costs while managing a large volume of database data (100 TB).

Cloud Block Store (CBS) is the ideal solution for this requirement. CBS is a software-defined block storage solution that runs natively in the public cloud (e.g., AWS or Azure). It provides enterprise-grade storage features like deduplication, compression, and thin provisioning, which help optimize storage usage and reduce costs. By leveraging CBS, the customer can efficiently manage their database workloads in the cloud while minimizing storage expenses.

Why Not the Other Options?

A). Evergreen/Flex: This is a subscription-based model for on-premises FlashArray hardware. Since the customer does not want to own any additional capital assets, this option does not align with their cloud-first strategy.

B). Evergreen/Forever: Similar to Evergreen/Flex, this is an on-premises solution that involves hardware ownership, which does not meet the customer's requirements.

D). Portworx DBaaS: While Portworx is a containerized storage solution for databases, it is primarily designed for Kubernetes environments and does not directly address the need to reduce cloud storage costs for traditional database workloads.

Key Points:

Cloud Block Store: A cloud-native block storage solution that reduces storage costs through advanced data reduction techniques.

Cloud-First Strategy: CBS aligns perfectly with the customer's desire to avoid capital expenditures and operate entirely within the public cloud.

Reference: Pure Storage Cloud Block Store Documentation: "Deploying and Managing Cloud Block Store in Azure" Pure Storage Whitepaper: "Optimizing Cloud Costs with Cloud Block Store" Pure Storage Best Practices Guide: "Database Workloads in the Public Cloud"

39. Frage

Which Evergreen/Forever benefit allows a customer to trade in an existing 12 TB shelf for a new 60 TB shelf while only paying for a 48 TB increase?

- **A. Right-Size Guarantee**
- B. Capacity Consolidation
- C. Love Your Storage
- D. Flat is Fair Maintenance

Antwort: A

Begründung:

The Right-Size Guarantee is an Evergreen/Forever benefit that allows customers to trade in existing storage shelves for newer, higher-capacity shelves while only paying for the incremental capacity increase. In this scenario, the customer can trade in a 12 TB shelf for a 60 TB shelf and only pay for the additional 48 TB of capacity.

Why This Matters:

The Right-Size Guarantee ensures that customers can upgrade their storage infrastructure without overpaying for capacity they already own. This aligns with Pure Storage's commitment to providing flexible and cost-effective storage solutions.

By leveraging this benefit, the customer can modernize their storage environment while optimizing costs.

Why Not the Other Options?

A). Capacity Consolidation:

Capacity Consolidation refers to the ability to consolidate workloads onto fewer arrays or shelves, but it does not specifically address trading in existing shelves for higher-capacity ones at a reduced cost.

B). Flat is Fair Maintenance:

Flat is Fair Maintenance ensures predictable and consistent maintenance pricing over time, but it does not apply to upgrading or trading in storage shelves.

D). Love Your Storage:

Love Your Storage is a program that provides hardware upgrades and enhancements, but it does not directly relate to trading in shelves for capacity increases.

Key Points:

Right-Size Guarantee: Allows customers to trade in existing shelves for higher-capacity shelves at a reduced cost.
Cost Optimization: Ensures customers only pay for the incremental capacity increase, reducing total cost of ownership (TCO).
Evergreen Benefits: Part of Pure Storage's commitment to delivering flexible and future-proof storage solutions.
Reference: Pure Storage Evergreen/Forever Documentation: "Understanding the Right-Size Guarantee" Pure Storage Whitepaper: "Evergreen Architecture and Subscription Benefits" Pure Storage Knowledge Base: "How to Leverage the Right-Size Guarantee"

40. Frage

A customer notices a low data reduction ratio upon initial data ingest.
Which Purity data reduction technique will help increase the data reduction ratio over time?

- A. Capacity consolidation and cloning
- B. Snapshot cleanup and garbage collection
- **C. Deep deduplication and deep compression**
- D. RAID-HA protection and AES-256 encryption

Antwort: C

Begründung:

If a customer notices a low data reduction ratio upon initial data ingest, the Purity data reduction technique that will help increase the data reduction ratio over time is deep deduplication and deep compression.

Why This Matters:

Deep Deduplication and Deep Compression:

Purity//FA (the operating system for FlashArray) applies deduplication to eliminate duplicate data blocks and compression to reduce the size of unique data blocks.

These techniques are applied continuously as new data is written to the array. Over time, as more data is ingested and patterns emerge, the effectiveness of deduplication and compression increases, leading to a higher data reduction ratio.

For example, deduplication becomes more effective as the dataset grows and more duplicates are identified. Similarly, compression benefits from identifying repetitive patterns in larger datasets.

Why Not the Other Options?

B). Snapshot cleanup and garbage collection:

Snapshot cleanup and garbage collection are maintenance processes that reclaim space from deleted snapshots or unused data blocks. While these processes free up space, they do not directly contribute to increasing the data reduction ratio.

C). Capacity consolidation and cloning:

Capacity consolidation refers to combining workloads onto fewer arrays, and cloning creates space-efficient copies of volumes.

While cloning leverages data reduction techniques, it does not inherently improve the overall data reduction ratio for existing data.

D). RAID-HA protection and AES-256 encryption:

RAID-HA (high availability) ensures data redundancy, and AES-256 encryption secures data. Neither of these features impacts the data reduction ratio.

Key Points:

Deep Deduplication and Compression: Continuously optimize storage efficiency as more data is ingested.

Data Reduction Ratio: Improves over time as deduplication identifies duplicates and compression reduces unique data.

Purity//FA Automation: These techniques are fully automated and do not require manual intervention.

Reference: Pure Storage FlashArray Documentation: "Understanding Data Reduction in Purity//FA" Pure Storage Whitepaper: "Maximizing Data Reduction with FlashArray" Pure Storage Knowledge Base: "How Deduplication and Compression Work in FlashArray"

41. Frage

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Zweifellos braucht die Vorbereitung der Pure Storage FAAA_005 Prüfung große Mühe. Aber diese Zertifizierungsprüfung zu bestehen bedeutet, dass Sie in IT-Gewerbe bessere Berufsperspektive besitzen. Deshalb was wir für Sie tun können ist, lassen Ihre Anstrengungen nicht umsonst geben. Die Wirkung und die Autorität der Pure Storage FAAA_005 Prüfungssoftware erwerbt die Anerkennung vieler Kunden. Solange Sie die demo kostenlos downloaden und probieren, können Sie es empfinden. Wir wollen Ihnen mit allen Kräften helfen, Die Pure Storage FAAA_005 zu bestehen!

FAAA_005 Buch: https://www.zertsoft.com/FAAA_005-pruefungsfragen.html

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