

# FAAA\_004 Testfagen - FAAA\_004 Fragen Beantworten



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Um keine Reue und Bedauern in Ihrem Leben zu hinterlassen, sollen Sie jede Gelegenheit ergreifen, um das Leben zu verbessern. Haben Sie das gemacht? Die Fragenkataloge zur Pure Storage FAAA\_004 Zertifizierungsprüfung von ZertSoft helfen den IT-Fachleuten, die Erfolg erzielen wollen, die Pure Storage FAAA\_004 Zertifizierungsprüfung zu bestehen. Um den Erfolg nicht zu verpassen, machen Sie doch schnell.

## Pure Storage FAAA\_004 Prüfungsplan:

| Thema   | Einzelheiten                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thema 1 | <ul style="list-style-type: none"><li>• Qualify, Sell, and Architect: This section of the exam assesses the skills of Technical Sales Engineers and covers identifying solutions based on customer requirements, sizing solutions based on customer needs using tools like Pure FlashArray Sizer, identifying market trends and opportunities (e.g., Ransomware and Portworx Solution Centers), demonstrating an understanding of FlashArray use cases, and demonstrating an understanding of unified storage on FlashArray37. A key skill measured is "identifying solutions based on customer requirements."</li></ul> |
| Thema 2 | <ul style="list-style-type: none"><li>• Subscriptions and DX: This section evaluates the competencies of Account Managers regarding Pure Storage's subscription services and digital experience. It focuses on identifying the benefits of Pure's Evergreen program (Evergreen<ul style="list-style-type: none"><li>• One,</li><li>• Forever,</li><li>• Flex) and Love Your Storage Guarantee, as well as determining future capacity, performance, and upgrade requirements through workload and hardware simulations.</li></ul></li></ul>                                                                              |

|         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thema 3 | <ul style="list-style-type: none"> <li>• Array Monitoring and Architecture: This section measures the skills of Storage Architects and covers explaining FlashArray's high availability architecture, defining FlashArray features (e.g., ActiveCluster, ActiveDR), explaining data reduction methods, identifying components of FlashArrays, and analyzing performance metrics and capacity usage using Pure1 Manage3. A crucial skill evaluated is "analyzing performance metrics".</li> </ul> |
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## >> FAAA\_004 Testfagen <<

### FAAA\_004 Fragen Beantworten & FAAA\_004 PDF Testsoftware

Es ist nicht so einfach, die FAAA\_004 Prüfung zu bestehen. FAAA\_004 Prüfung erfordert ein hohes Maß an Fachwissen der IT. Wenn es Ihnen dieses Wissen fehlt, kann ZertSoft Ihnen die Kenntnissequellen zur Verfügung stehen. Mit ihren reichen Fachkenntnissen und Erfahrungen bietet der Expertenteam die relevanten Fragen und Antworten der FAAA\_004 Zertifizierungsprüfung. Wenn Sie ZertSoft wählen, versprechen wir Ihnen nicht nur eine 100%-Pass-Garantie, sondern stellt Ihnen auch einen einjährigen kostenlosen Update-Service zur Verfügung. Falls Sie in der Prüfung durchfallen, zahlen wir Ihnen die gesamte Summe zurück.

### Pure Storage FlashArray Architect Associate FAAA\_004 Prüfungsfragen mit Lösungen (Q18-Q23):

#### 18. Frage

A potential healthcare customer wants to move to a modern storage array for their medical records database. They need the fastest possible array as their workload is highly transactional.  
Which solution should an SE recommend?

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

#### Antwort: C

##### Begründung:

To meet the healthcare customer's requirement for the fastest possible array for a highly transactional medical records database, FlashArray//XL is the optimal choice. Here's why:

##### Analysis of FlashArray Models:

##### FlashArray//XL :

The FlashArray//XL is Pure Storage's highest-performance all-flash storage array, designed for mission-critical, high-transaction workloads that demand ultra-low latency and maximum throughput.

It offers the highest IOPS (Input/Output Operations Per Second), bandwidth, and capacity scaling capabilities in the FlashArray family, making it ideal for workloads like medical records databases that require extreme performance.

With its advanced NVMe architecture and DirectFlash Modules, FlashArray//XL delivers sub-millisecond latency and exceptional performance consistency, which are critical for transactional workloads.

##### FlashArray//X :

The FlashArray//X is a high-performance all-flash array but is positioned below the FlashArray//XL in terms of raw performance and scalability.

While it is suitable for most enterprise workloads, it may not provide the same level of performance as FlashArray//XL for highly transactional databases with demanding I/O requirements.

##### FlashArray//C :

The FlashArray//C is optimized for capacity and cost efficiency rather than raw performance.

It uses QLC NAND flash technology, which is more cost-effective but has lower endurance and performance compared to the TLC NAND used in FlashArray//X and FlashArray//XL.

This makes FlashArray//C unsuitable for highly transactional workloads like a medical records database.

##### Recommendation:

Given the customer's need for the "fastest possible array" and the highly transactional nature of their workload, FlashArray//XL is the best recommendation. Its ability to deliver consistent, low-latency performance at scale ensures that the medical records database will perform optimally under heavy transactional loads.

##### Reference:

FlashArray//XL Product Overview :  
Pure Storage FlashArray//XL  
Details the performance and use cases for FlashArray//XL.  
FlashArray//X Product Overview :  
Pure Storage FlashArray//X  
Explains the capabilities of FlashArray//X for enterprise workloads.  
FlashArray//C Product Overview :  
Pure Storage FlashArray//C  
Highlights the cost-efficient design of FlashArray//C for capacity-focused workloads.

## 19. Frage

What is the return window as defined by the Love Your Storage Guarantee?

- A. 90 days
- B. 15 days
- **C. 30 days**
- D. 60 days

**Antwort: C**

Begründung:

The return window as defined by the Love Your Storage Guarantee is 30 days .

Why This Matters:

Love Your Storage Guarantee:

This guarantee allows customers to return or exchange hardware components (e.g., controllers) within a specified return window if they do not meet their needs.

The 30-day return window ensures customers have sufficient time to evaluate the hardware and make adjustments as needed.

Why Not the Other Options?

A . 15 days:

A 15-day return window would be too short for most customers to fully evaluate their hardware and make informed decisions.

C . 60 days:

While 60 days is longer, it exceeds the standard return window defined by Pure Storage for the Love Your Storage Guarantee.

D . 90 days:

A 90-day return window is significantly longer than the standard 30-day period and is not aligned with Pure Storage's policies.

Key Points:

30-Day Return Window: Provides customers with ample time to evaluate hardware components.

Customer-Centric Approach: Reflects Pure Storage's commitment to ensuring customer satisfaction.

Policy Compliance: Ensures alignment with Pure Storage's official return policies.

Reference:

Pure Storage Evergreen/Forever Documentation: "Love Your Storage Guarantee Terms and Conditions" Pure Storage Knowledge Base: "Understanding the Love Your Storage Return Policy"

## 20. 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 next incoming block is then hashed to see if it can be deduplicated.
- **C. The new block is compared to the existing block to confirm they are duplicates.**
- D. Deep level compression is then applied to the newly hashed block.

**Antwort: C**

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"

## 21. Frage

Which two statements describe Pure Storage's Right-Size Guarantee? (Select two.)

- A. Capacity upgrades will extend the Right-Size Guarantee.
- **B. The Workload Mix cannot change by more than 20%.**
- C. The customer must complete a 6-month proof of concept.
- **D. Evergreen/Foundation subscriptions are not eligible for guarantee.**

**Antwort: B,D**

Begründung:

Pure Storage's Right-Size Guarantee ensures that customers can accurately predict their storage needs based on their workload characteristics. Here's an analysis of the statements:

Correct Statements:

B . Evergreen/Foundation subscriptions are not eligible for guarantee :

The Right-Size Guarantee applies only to specific subscription tiers, such as Evergreen//One and Evergreen//Forever.

Evergreen/Foundation, which is a lower-tier subscription, is not eligible for this guarantee.

C . The Workload Mix cannot change by more than 20% :

To maintain the accuracy of the Right-Size Guarantee, the customer's workload mix (e.g., database, VDI, file shares) must remain relatively stable. A significant change in the workload mix (greater than 20%) could invalidate the guarantee, as it affects data reduction ratios and capacity predictions.

Incorrect Statements:

A . The customer must complete a 6-month proof of concept :

A proof of concept is not required to qualify for the Right-Size Guarantee. Instead, the guarantee is based on the initial assessment of the workload and adherence to the terms.

D . Capacity upgrades will extend the Right-Size Guarantee :

Capacity upgrades do not automatically extend the Right-Size Guarantee. The guarantee is tied to the initial assessment and workload stability, not hardware upgrades.

Final Recommendation:

The correct answers are B. Evergreen/Foundation subscriptions are not eligible for guarantee and C. The Workload Mix cannot change by more than 20% .

Reference:

Pure Storage Right-Size Guarantee Overview :

Pure Storage Right-Size Guarantee

Details the terms and conditions of the Right-Size Guarantee.

Evergreen Subscription Tiers :

Pure Storage Evergreen Subscriptions

Explains the differences between Evergreen subscription tiers.

## 22. 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/Forever
- **B. Cloud Block Store**
- C. Portworx DBaaS
- D. Evergreen/Flex

**Antwort: B**

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"

## 23. Frage

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