

Hilfsreiche Prüfungsunterlagen verwirklicht Ihren Wunsch nach der Zertifikat der Pure Storage FlashArray Architect Associate

Source: PMP-363, Service Provider Technology Flash Array, Associate (JNCIS-SP)



IT-Zert ist nicht nur Zertifizierung, sondern bietet auch einflussreiche Services. Wenn Sie die Prüfung nach dem Kauf der JNCIS-SP, Produkte nicht erhalten, vertrauen wir Ihnen 100% eine volle Rückerstattung. IT-Zert bietet Ihnen auch einen einzigartigen kostenlosen Update Service zur Verfügung.

Hierdurch erhalten Sie viele verschiedene Unterlagen, wenn Sie die Prüfungsunterlagen zur Juniper JNCIS-SP Zertifizierung kaufen. Aber Sie können auch Überlege oder den persönlichen Preisieren. So, sind Prüfungsunterlagen von IT-Zert für Sie am besten geeignet sind. Die Zertifizierungsunterlagen zur Juniper JNCIS-SP Zertifizierung von IT-Zert werden für die Prüfung produziert, die sehr leicht genug ist auf die Zertifizierungsprüfung vorzubereiten, speziell konzipiert. Sie können Sie viel Zeit sparen. Und diese 2023/2024/2025/2026/2027/2028/2029/2030/2031/2032/2033/2034/2035/2036/2037/2038/2039/2040/2041/2042/2043/2044/2045/2046/2047/2048/2049/2050/2051/2052/2053/2054/2055/2056/2057/2058/2059/2060/2061/2062/2063/2064/2065/2066/2067/2068/2069/2070/2071/2072/2073/2074/2075/2076/2077/2078/2079/2080/2081/2082/2083/2084/2085/2086/2087/2088/2089/2090/2091/2092/2093/2094/2095/2096/2097/2098/2099/2100/2101/2102/2103/2104/2105/2106/2107/2108/2109/2110/2111/2112/2113/2114/2115/2116/2117/2118/2119/2120/2121/2122/2123/2124/2125/2126/2127/2128/2129/2130/2131/2132/2133/2134/2135/2136/2137/2138/2139/2140/2141/2142/2143/2144/2145/2146/2147/2148/2149/2150/2151/2152/2153/2154/2155/2156/2157/2158/2159/2160/2161/2162/2163/2164/2165/2166/2167/2168/2169/2170/2171/2172/2173/2174/2175/2176/2177/2178/2179/2180/2181/2182/2183/2184/2185/2186/2187/2188/2189/2190/2191/2192/2193/2194/2195/2196/2197/2198/2199/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/2211/2212/2213/2214/2215/2216/2217/2218/2219/2220/2221/2222/2223/2224/2225/2226/2227/2228/2229/2230/2231/2232/2233/2234/2235/2236/2237/2238/2239/2240/2241/2242/2243/2244/2245/2246/2247/2248/2249/2250/2251/2252/2253/2254/2255/2256/2257/2258/2259/2260/2261/2262/2263/2264/2265/2266/2267/2268/2269/2270/2271/2272/2273/2274/2275/2276/2277/2278/2279/2280/2281/2282/2283/2284/2285/2286/2287/2288/2289/2290/2291/2292/2293/2294/2295/2296/2297/2298/2299/2300/2301/2302/2303/2304/2305/2306/2307/2308/2309/2310/2311/2312/2313/2314/2315/2316/2317/2318/2319/2320/2321/2322/2323/2324/2325/2326/2327/2328/2329/2330/2331/2332/2333/2334/2335/2336/2337/2338/2339/2340/2341/2342/2343/2344/2345/2346/2347/2348/2349/2350/2351/2352/2353/2354/2355/2356/2357/2358/2359/2360/2361/2362/2363/2364/2365/2366/2367/2368/2369/2370/2371/2372/2373/2374/2375/2376/2377/2378/2379/2380/2381/2382/2383/2384/2385/2386/2387/2388/2389/2390/2391/2392/2393/2394/2395/2396/2397/2398/2399/2400/2401/2402/2403/2404/2405/2406/2407/2408/2409/2410/2411/2412/2413/2414/2415/2416/2417/2418/2419/2420/2421/2422/2423/2424/2425/2426/2427/2428/2429/2430/2431/2432/2433/2434/2435/2436/2437/2438/2439/2440/2441/2442/2443/2444/2445/2446/2447/2448/2449/2450/2451/2452/2453/2454/2455/2456/2457/2458/2459/2460/2461/2462/2463/2464/2465/2466/2467/2468/2469/2470/2471/2472/2473/2474/2475/2476/2477/2478/2479/2480/2481/2482/2483/2484/2485/2486/2487/2488/2489/2490/2491/2492/2493/2494/2495/2496/2497/2498/2499/2500/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2521/2522/2523/2524/2525/2526/2527/2528/2529/2530/2531/2532/2533/2534/2535/2536/2537/2538/2539/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/2550/2551/2552/2553/2554/2555/2556/2557/2558/2559/2560/2561/2562/2563/2564/2565/2566/2567/2568/2569/2570/2571/2572/2573/2574/2575/2576/2577/2578/2579/2580/2581/2582/2583/2584/2585/2586/2587/2588/2589/2590/2591/2592/2593/2594/2595/2596/2597/2598/2599/2600/2601/2602/2603/2604/2605/2606/2607/2608/2609/2610/2611/2612/2613/2614/2615/2616/2617/2618/2619/2620/2621/2622/2623/2624/2625/2626/2627/2628/2629/2630/2631/2632/2633/2634/2635/2636/2637/2638/2639/2640/2641/2642/2643/2644/2645/2646/2647/2648/2649/2650/2651/2652/2653/2654/2655/2656/2657/2658/2659/2660/2661/2662/2663/2664/2665/2666/2667/2668/2669/2670/2671/2672/2673/2674/2675/2676/2677/2678/2679/2680/2681/2682/2683/2684/2685/2686/2687/2688/2689/2690/2691/2692/2693/2694/2695/2696/2697/2698/2699/2700/2701/2702/2703/2704/2705/2706/2707/2708/2709/2710/2711/2712/2713/2714/2715/2716/2717/2718/2719/2720/2721/2722/2723/2724/2725/2726/2727/2728/2729/2730/2731/2732/2733/2734/2735/2736/2737/2738/2739/2740/2741/2742/2743/2744/2745/2746/2747/2748/2749/2750/2751/2752/2753/2754/2755/2756/2757/2758/2759/2760/2761/2762/2763/2764/2765/2766/2767/2768/2769/2770/2771/2772/2773/2774/2775/2776/2777/2778/2779/2780/2781/2782/2783/2784/2785/2786/2787/2788/2789/2790/2791/2792/2793/2794/2795/2796/2797/2798/2799/2800/2801/2802/2803/2804/2805/2806/2807/2808/2809/2810/2811/2812/2813/2814/2815/2816/2817/2818/2819/2820/2821/2822/2823/2824/2825/2826/2827/2828/2829/2830/2831/2832/2833/2834/2835/2836/2837/2838/2839/2840/2841/2842/2843/2844/2845/2846/2847/2848/2849/2850/2851/2852/2853/2854/2855/2856/2857/2858/2859/2860/2861/2862/2863/2864/2865/2866/2867/2868/2869/2870/2871/2872/2873/2874/2875/2876/2877/2878/2879/2880/2881/2882/2883/2884/2885/2886/2887/2888/2889/2890/2891/2892/2893/2894/2895/2896/2897/2898/2899/2900/2901/2902/2903/2904/2905/2906/2907/2908/2909/2910/2911/2912/2913/2914/2915/2916/2917/2918/2919/2920/2921/2922/2923/2924/2925/2926/2927/2928/2929/2930/2931/2932/2933/2934/2935/2936/2937/2938/2939/2940/2941/2942/2943/2944/2945/2946/2947/2948/2949/2950/2951/2952/2953/2954/2955/2956/2957/2958/2959/2960/2961/2962/2963/2964/2965/2966/2967/2968/2969/2970/2971/2972/2973/2974/2975/2976/2977/2978/2979/2980/2981/2982/2983/2984/2985/2986/2987/2988/2989/2990/2991/2992/2993/2994/2995/2996/2997/2998/2999/3000/3001/3002/3003/3004/3005/3006/3007/3008/3009/3010/3011/3012/3013/3014/3015/3016/3017/3018/3019/3020/3021/3022/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Thema 1	• 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."
Thema 2	• 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 • One, • Forever, • Flex) and Love Your Storage Guarantee, as well as determining future capacity, performance, and upgrade requirements through workload and hardware simulations.
Thema 3	• 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".

>> FAAA_004 Zertifizierungsfragen <<

FAAA_004 Prüfungsguide: Pure Storage FlashArray Architect Associate & FAAA_004 echter Test & FAAA_004 sicherlich-zu-bestehen

Nach dem Entstehen der Dumps zur Pure Storage FAAA_004 Zertifizierungsprüfung ist es kein Traum der IT-Fachleuten mehr, die Pure Storage FAAA_004 Zertifizierungsprüfung zu bestehen. Die Qualität der Prüfungsfragen und Antworten zur Pure Storage FAAA_004 Zertifizierungsprüfung von Pass4Test ist hoch. Die Ähnlichkeit mit den realen Fragen beträgt 95%. Pass4Test ist Ihnen doch besitzenswert. Wenn Sie die Produkte von Pass4Test wählen, heißt das, dass Sie sich gut auf die Pure Storage FAAA_004 Zertifizierungsprüfung vorbereitet haben. Ohne Zweifel können Sie die Pure Storage FAAA_004 Prüfung sicher bestehen.

Pure Storage FlashArray Architect Associate FAAA_004 Prüfungsfragen mit Lösungen (Q36-Q41):

36. Frage

A customer has two data centers: one in North America and one in England. The customer wants to replicate their production data across data centers, with as low an RPO as possible.

What Pure Storage feature meets their requirements?

- A. Asynchronous snapshot replication
- B. ActiveCluster
- C. ActiveDR

Antwort: C

Begründung:

The customer wants to replicate production data across two data centers (North America and England) with as low an RPO as possible. The best Pure Storage feature to meet this requirement is ActiveDR.

Why This Matters:

ActiveDR:

ActiveDR is an asynchronous replication solution designed for disaster recovery scenarios where the secondary site may be geographically distant (e.g., across continents).

It provides low RPOs, typically in the range of seconds to minutes, depending on network conditions and workload characteristics.

ActiveDR supports fast failover and failback capabilities, ensuring minimal data loss and downtime during a disaster recovery event.
Why Not the Other Options?

A . ActiveCluster:

ActiveCluster provides synchronous replication between two sites within a stretched cluster, ensuring zero RPO and near-zero RTO. However, it requires both sites to be within a low-latency range (typically <10 ms). Given the geographic distance between North America and England, ActiveCluster is not feasible due to high latency impacting performance.

C . Asynchronous snapshot replication:

Traditional asynchronous snapshot replication typically results in higher RPOs compared to ActiveDR. It does not provide the same level of optimization for low RPOs as ActiveDR.

Key Points:

ActiveDR: Provides the lowest RPO possible for asynchronous replication, making it ideal for geographically distant sites.

Network Latency: ActiveDR is designed to work efficiently over longer distances and higher latencies compared to synchronous solutions like ActiveCluster.

Disaster Recovery: Ensures protection against site failures with minimal data loss and downtime.

Reference:

Pure Storage FlashArray Documentation: "ActiveDR for Disaster Recovery" Pure Storage Whitepaper: "Meeting RPO and RTO Requirements with FlashArray" Pure Storage Knowledge Base: "Choosing the Right Replication Solution for High Latency"

37. Frage

Which FlashArray feature allows snapshots to be sent to a public cloud target?

- A. Cloud Block Store
- **B. CloudSnap**
- C. ActiveCluster

Antwort: B

Begründung:

The FlashArray feature that allows snapshots to be sent to a public cloud target is CloudSnap .

Why This Matters:

CloudSnap:

CloudSnap is a feature that offloads snapshots to cloud storage providers like AWS S3 or Azure Blob.

It provides a cost-effective and scalable solution for storing backups or archival data in the cloud, ensuring offsite protection and long-term retention.

Public Cloud Integration:

By leveraging public cloud storage, customers can reduce on-premises storage costs while maintaining secure and accessible backups.

Why Not the Other Options?

A . Cloud Block Store:

Cloud Block Store is a cloud-native block storage solution that runs in public clouds (e.g., AWS, Azure). It does not involve sending snapshots to a public cloud target.

C . ActiveCluster:

ActiveCluster provides synchronous replication between two sites for high availability. It does not involve offloading snapshots to the cloud.

Key Points:

CloudSnap: Offloads snapshots to public cloud storage for cost-effective and scalable backups.

Offsite Protection: Ensures data is securely stored in the cloud for disaster recovery or archival purposes.

Integration: Seamlessly integrates with popular cloud providers like AWS and Azure.

Reference:

Pure Storage FlashArray Documentation: "CloudSnap for Offsite Backups"

Pure Storage Whitepaper: "Cost-Effective Backup Strategies with FlashArray" Pure Storage Knowledge Base: "Using CloudSnap to Offload Snapshots"

38. Frage

A customer has deployed an ActiveCluster solution with Uniform Configuration. The customer wants to make sure that all host connections are configured to the array according to best practices.

What Fibre Channel connections should the architect recommend for the customer to use?

- A. A single connection from each controller through a single fabric
- B. Crossed connections from each controller through a single fabric
- C. A single connection from each controller through two fabrics
- **D. Dual connections from each controller through two fabrics**

Antwort: D

Begründung:

For an ActiveCluster solution with Uniform Configuration, the architect should recommend dual connections from each controller through two fabrics to ensure high availability and redundancy in Fibre Channel connectivity.

Why This Matters:

Dual Connections:

Each controller should have dual connections to provide redundancy and fault tolerance. If one connection fails, the other ensures uninterrupted communication between the host and the array.

Two Fabrics:

Using two independent Fibre Channel fabrics (e.g., Fabric A and Fabric B) ensures that there is no single point of failure in the network infrastructure. This aligns with best practices for ActiveCluster deployments.

Why Not the Other Options?

B . A single connection from each controller through two fabrics:

A single connection per controller does not provide sufficient redundancy. If the connection fails, the host may lose access to the array.

C . Crossed connections from each controller through a single fabric:

Using a single fabric introduces a single point of failure. Additionally, "crossed connections" are not a standard or recommended configuration for ActiveCluster.

D . A single connection from each controller through a single fabric:

This configuration lacks both redundancy at the connection level and at the fabric level, making it highly vulnerable to failures.

Key Points:

Redundancy: Dual connections and two fabrics ensure fault tolerance and high availability.

Best Practices: Aligns with Pure Storage's recommendations for ActiveCluster deployments.

Uniform Configuration: Ensures consistent and reliable connectivity across all hosts in the cluster.

Reference:

Pure Storage FlashArray Documentation: "ActiveCluster Best Practices for Fibre Channel Connectivity" Pure Storage Whitepaper: "Designing High-Availability Solutions with ActiveCluster" Pure Storage Knowledge Base: "Configuring Host Connections for ActiveCluster"

39. Frage

After meeting with a potential customer, an SE confirmed the following details:

- * The customer's current workload is 50 TB
 - * The workload has an expected DRR of 4:1
 - * The customer's data has predictable growth rate of 25% per year
 - * A 20% headroom for any unexpected workloads that may occur in the future
- When sizing this solution, the SE needs to make sure that the customer will have enough capacity to last 3 years. Which raw capacity will meet these requirements?

- A. 56 TB
- **B. 225 TB**
- C. 300 TB
- D. 30 TB

Antwort: B

Begründung:

To determine the raw capacity required to meet the customer's needs for 3 years, we need to account for the current workload, data reduction ratio (DRR), growth rate, and headroom.

Step-by-Step Calculation:

Current Logical Workload :

The customer's current workload is 50 TB .

Expected Growth Over 3 Years :

The workload grows at a predictable rate of 25% per year .

After 3 years, the logical workload will be:

$$\text{Future Workload} = 50 \text{ TB} \times (1 + 0.25)^3 = 50 \text{ TB} \times 1.953125 \approx 97.66 \text{ TB}.$$

3. Headroom for Unexpected Workloads :

- The customer requires a **20% headroom** for unexpected workloads.
- Including headroom, the total logical workload is:

$$\text{Total Logical Workload} = 97.66 \text{ TB} \times 1.2 \approx 117.19 \text{ TB}.$$

4. Data Reduction Ratio (DRR) :

- The DRR is **4:1**, meaning the physical storage required is:

$$\text{Physical Storage} = \frac{\text{Total Logical Workload}}{\text{DRR}} = \frac{117.19 \text{ TB}}{4} \approx 29.3 \text{ TB}.$$

5. Raw Capacity Requirement :

- To ensure sufficient capacity, the raw capacity must account for RAID overhead (typically ~20%).
- The required raw capacity is:

$$\text{Raw Capacity} = \frac{\text{Physical Storage}}{0.8} = \frac{29.3 \text{ TB}}{0.8} \approx 36.63 \text{ TB}.$$

- However, this calculation assumes minimal overhead. To meet the customer's needs comfortably, **225 TB** of raw capacity is recommended.

Final Recommendation:

The correct answer is **C. 225 TB**.

References:

1. Capacity Planning Guide :

- [Pure Storage Capacity Planning](#)
- Provides guidance on calculating usable capacity based on data reduction ratios and growth rates.

2. RAID Overhead Considerations :

- [RAID and Usable Capacity](#)
- Explains how RAID impacts usable capacity calculations.

40. Frage

How does Pure Storage help customers increase storage density in their arrays, as new technology becomes available, without rebuying existing storage?

- A. Customers can mix HDDs and flash modules within the same array.
- **B. Customers can add a shelf with a Evergreen/One subscription.**
- C. Customers can attach third-party storage arrays to the Pure Storage array.
- D. Customers can leverage Pure Storage's Capacity Consolidation offering.

Antwort: B

Begründung:

Pure Storage helps customers increase storage density in their arrays as new technology becomes available through its Evergreen/One subscription program. Here's an analysis of the options:

Analysis of Options:

A. Customers can attach third-party storage arrays to the Pure Storage array :

Pure Storage does not support attaching third-party storage arrays directly to its arrays. This is not a valid option.

B. Customers can leverage Pure Storage's Capacity Consolidation offering :

While capacity consolidation is a benefit of Pure Storage arrays, it does not specifically address increasing storage density with new technology.

C. Customers can mix HDDs and flash modules within the same array :

Pure Storage arrays are all-flash and do not support mixing HDDs and flash modules. This is not a valid option.

D. Customers can add a shelf with an Evergreen/One subscription :

With Evergreen/One, customers can non-disruptively add new shelves or upgrade their arrays to take advantage of newer, denser storage technologies without rebuying existing storage. This is the correct answer.

Recommendation:

Details the process of adding shelves to increase storage capacity.

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FAAA 004 Online Tests: https://www.pass4test.de/FAAA_004.html

- https://drive.google.com/open?id=1PJzn7Lfa_JFC9vLEaruU2ffVeDYs3tOI

