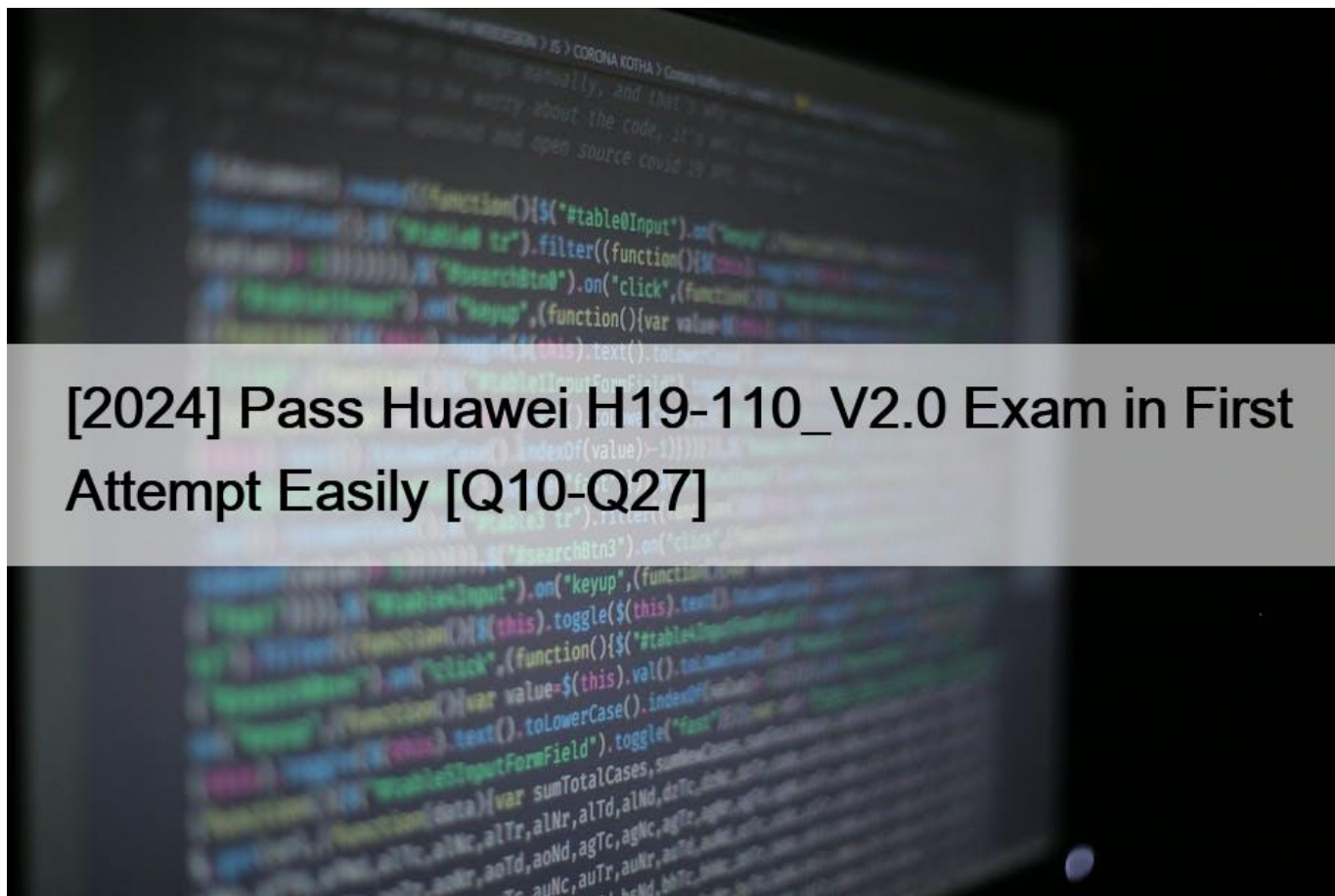


[2024 Pass Huawei H19-110_V2.0 Exam in First Attempt Easily [Q10-Q27]



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NEW QUESTION 10

Which of the following statements are correct about the highlights of OceanProtect?

- * Fast backup and recovery: The backup speed is up to 155 TB/h and the recovery speed is up to 172 TB/h. The ultimate performance support
- * Efficient data reduction: The data reduction ratio is up to 72:1 and scale-out is supported, reducing investment.
- * High reliability: The industry's exclusive AA architecture ensures uninterrupted backup tasks.

Explanation

OceanProtect has three main highlights that make it a leading backup storage product in the industry. First, it offers fast backup and recovery with E2E acceleration, high bandwidth, and instant access technologies, delivering up to 155 TB/h backup bandwidth and 172 TB/h recovery bandwidth. Second, it provides efficient data reduction with multi-layer deduplication, feature-based reduction, and E2E data reduction technologies, achieving a premium data reduction ratio of up to 72:1. Third, it ensures high reliability with cyber resilience, system resilience, and lifecycle management features. OceanProtect adopts the industry's exclusive active-active dual-controller architecture that guarantees uninterrupted backup services even in the event of a controller failure.

NEW QUESTION 11

Which technologies are applied to ensure unique storage reliability of OceanProtect compared to other vendor?

- * Fast backup and recovery
- * High data reduction ratio
- * Active-Active controllers
- * RAID-TP

Explanation

RAID-TP is a technology that is applied to ensure unique storage reliability of OceanProtect compared to other vendors. RAID-TP is a triple-parity RAID technology that can tolerate the simultaneous failures of three disks in a RAID group. RAID-TP can also improve the performance and efficiency of data reconstruction by using distributed parity calculation and parallel reconstruction algorithms.

NEW QUESTION 12

The main benefit of OceanStor Pacific multi-protocol interworking feature is reducing the footprint of hardware.

- * True
- * False

Explanation

The main benefit of OceanStor Pacific multi-protocol lossless interworking feature is not reducing the footprint of hardware, but eliminating the need for data copy among different systems. OceanStor Pacific has a multi-protocol lossless interworking feature that allows one copy of data to be shared with multiple services using different protocols such as NFS, SMB, S3, or HDFS. This feature avoids data copy among different systems, which improves the efficiency and performance of data access and analysis. It also simplifies the management and reduces the complexity of the system. Reducing the footprint of hardware is a secondary benefit of this feature, as it lowers the total cost of ownership (TCO) with less hardware investment, power consumption, and maintenance costs.

NEW QUESTION 13

OceanStor Pacific mainly focus on unstructured data service business.

- * True
- * False

Explanation

OceanStor Pacific mainly focuses on unstructured data service business such as big data analytics, backup and archiving, video surveillance, and media production. OceanStor Pacific is a distributed storage system that is designed for massive data applications. It

NEW QUESTION 14

Which of the following technologies is the most important to help OceanStor Dorado reach the fastest file operation speed that..

- * Flash orentend design
- * Distributed File System
- * E2E NVMe capability

Explanation

E2E NVMe capability is the most important technology to help OceanStor Dorado reach the fastest file operation speed that the

industry has ever seen. E2E NVMe means that NVMe is used throughout the entire data path, from the front-end interface to the back-end SSDs. This eliminates the performance bottleneck caused by traditional SCSI protocols and improves the I/O efficiency and latency significantly. E2E NVMe enables OceanStor Dorado to deliver up to 20 million IOPS and 0.1 ms latency for file operations. Reference:

[OceanStor Dorado All-Flash Storage Product Brochure]

NEW QUESTION 15

What are Huawei product model for production storage?

- * OceanStor Dorado for traditional core business
- * OceanStor Pacific for emerging business
- * OceanProtect for backup

Explanation

Huawei has two product models for production storage in its storage portfolio: OceanStor Dorado and OceanStor Pacific. OceanStor Dorado is an all-flash storage product that provides ultra-high performance, low latency, and high reliability for traditional core business such as databases, virtualization, VDI, and SAP HANA. OceanStor Pacific is a distributed storage system that provides high performance, scalability, reliability, and efficiency for emerging business such as big data analytics, backup and archiving, video surveillance, and media production.

NEW QUESTION 16

OceanStor Dorado series supports SAN and NAS services.

- * True
- * False

Explanation

OceanStor Dorado series supports SAN and NAS services in one box, which means it can host all kinds of applications such as databases, file servers, virtual machines, containers, etc., without requiring separate devices or gateways. OceanStor Dorado supports mainstream protocols such as iSCSI, FC, NFS, and SMB, and provides ultra-high performance, low latency, and high reliability for data storage.

NEW QUESTION 17

What are the main sales scenarios of FusionCube?

- * Virtualization
- * VDI
- * enterprise branch

Explanation

FusionCube is a hyper-converged infrastructure product that integrates storage, computing, network, virtualization, and management into one device. It supports three main sales scenarios: virtualization, Virtual Desktop Infrastructure (VDI), and enterprise branch. FusionCube provides high performance, scalability, reliability, and simplicity for these scenarios. For virtualization, FusionCube supports mainstream virtualization platforms such as VMware, KVM, and Hyper-V, and provides unified management of virtual machines and physical resources. It also supports cloud transformation with Huawei's Datacenter Virtualization Solution (DCS). For VDI, FusionCube provides a one-stop desktop cloud solution that delivers high-density desktops, fast deployment, and easy O&M. It also supports GPU acceleration and cloud-based remote management for various desktop scenarios. For enterprise branch, FusionCube provides a compact and lightweight device that can be deployed in edge scenarios such as offices, retail stores, and factories. It supports

220 V mains power and 492 mm device depth for easy installation and maintenance. Reference: FusionCube Hyper-Converged Infrastructure Product Brochure

NEW QUESTION 18

How can storage contribute to carbon neutrality?

- * All-flash storage has become the norm. Compared with mechanical disks, fewer SSDs can save more energy. Taking a data center with .. SSDs reduces power consumption by 2.4 times.
- * All-flash storage is easier to maintain.
- * All-flash storage is easier to use.
- * All-flash storage is more reliable.

Explanation

All-flash storage can contribute to carbon neutrality by reducing the energy consumption and carbon footprint of data centers. Compared with mechanical disks, fewer SSDs can provide the same or higher performance and capacity, while saving more energy. According to a report by DEKRA9, taking a data center with 1000 disks as an example, replacing mechanical disks with SSDs reduces power consumption by 2.4 times and carbon emissions by 2.3 times per year1

NEW QUESTION 19

OceanProtect Backup Storage is compatible with Veeam, Veritas, and Commvault.

- * True
- * False

Explanation

OceanProtect Backup Storage is compatible with Veeam, Veritas, and Commvault. These are some of the mainstream backup software in the industry that can work with OceanProtect to provide comprehensive data protection for enterprise data. OceanProtect supports multiple backup protocols, such as NDMP, VTL, and NAS, and can seamlessly integrate with these backup software to provide fast backup and recovery services.

NEW QUESTION 20

Which reliability feature is only supported by huawei high-end flash storage?

- * Tolerate failure of 7 out of 8 controllers
- * Tolerates failure of 1 out of 2 controllers
- * Tolerates failure of 3 out of 4 controllers

Explanation

Huawei high-end flash storage, such as OceanStor Dorado 8000/18000, supports a fully-interconnected active-active SmartMatrix 3.0 architecture that ensures the stable running of services, even if seven out of eight controllers, or one out of two controller enclosures, fail. This feature sets unprecedented standards for industry reliability

NEW QUESTION 21

Which tools or softwares are included in Huawei's data intelligent management architecture?

- * Cloud-based remote management tool DME IQ
- * Local data center management suite DME STORAGE
- * Single-device management software Device Manager
- * Disaster recovery tool BCM

Explanation

Huawei's data intelligent management architecture consists of four tools or software that provide different functions and features for data management. DME IQ is an intelligent cloud O&M platform that combines big data analytics and Artificial Intelligence (AI) to provide data infrastructure with automatic fault reporting, problem management and tracking, intelligent prediction, health evaluation, performance analytics, capacity planning, and intelligent optimization¹. DME Storage is an intelligent storage management platform that provides convergence, intelligence, and openness for data center storage devices. It simplifies storage management and O&M throughout the data lifecycle with features such as intelligent provisioning, intelligent risk prediction, intelligent data tiering, and open APIs². Device Manager is a single-device management software that provides basic functions such as device configuration, performance monitoring, alarm management, system maintenance, and firmware upgrade for Huawei storage devices³. BCM is a disaster recovery tool that provides comprehensive protection for data centers with features such as disaster recovery plan design, disaster recovery drill execution, disaster recovery monitoring and analysis, disaster recovery resource management⁴.

NEW QUESTION 22

Which solutions are included in Huawei All-Scenario data protection solutions?

- * Full DR of hot data for business continuity
- * Quick backup and restore of warm data for data recoverability
- * Warm archiving of cold data for regulation compliance
- * Archiving tape library

Explanation

Huawei All-Scenario data protection solutions include full DR of hot data for business continuity, quick backup and restore of warm data for data recoverability, and warm archiving of cold data for regulation compliance. Huawei All-Scenario data protection solutions can help enterprises protect their data from various risks and challenges, such as disasters, ransomware, human errors, and regulations. Huawei All-Scenario data protection solutions can cover different types of data (hot, warm, and cold), different levels of protection (DR, backup, and archive), and different deployment scenarios (on-premises or cloud).

NEW QUESTION 23

Which tool is recommended when customer wants automatic O&M such as SLA-based automatic configuration and service

- * DME IQ
- * DME Storage
- * Device Manager
- * HyperMetro

Explanation

DME Storage provides intelligent provisioning features that enable users to complete resource provisioning in a few steps. It supports SLA-based automatic configuration and service catalog management, which can simplify the service deployment process and improve the efficiency of resource utilization. DME Storage also supports Ansible-based flexible service provisioning modes for all scenarios. Reference: DME Storage 1.0.0 User Guide

NEW QUESTION 24

Why backup storage capacity is larger than production storage is that backup storage stores multiple copies of production

- * True
- * False

Explanation

The reason why backup storage capacity is larger than production storage is not that backup storage stores multiple copies of production data, but that backup storage stores multiple versions of production data. Backup storage provides data protection for production data by creating backup images at different points in time.

These backup images can be used to restore production data in case of any data loss or corruption. Backup storage usually stores more versions of production data than production storage itself, which makes backup storage capacity larger than production storage capacity.

NEW QUESTION 25

Oil and gas exploration in the energy industry is a typical opportunity for Oceanstor Pacific.

- * True
- * False

Explanation

Oil and gas exploration in the energy industry is a typical opportunity for OceanStor Pacific. OceanStor Pacific provides HPC storage service with POSIX file system for high-performance computing scenarios, such as oil exploration. It supports concurrent access from millions of nodes and delivers ultra-high throughput and bandwidth. It also leverages E2E NVMe technology to achieve ultra-low latency and high IOPS for file operations.

NEW QUESTION 26

Highlight of OceanStor Dorado HyperMetro solution is Huawei HyperMetro can support Active-Active SAN&NAS solution;

- * True
- * False

Explanation

The highlight of OceanStor Dorado HyperMetro solution is that Huawei HyperMetro can support active-active SAN&NAS solution without adding any hardware or licenses. HyperMetro is a gateway-free active-active solution that synchronizes data between two storage systems in real time and ensures zero service interruption and zero data loss in case of any failure in one system or site. HyperMetro also supports transparent failover and load balancing, which enhances the performance and efficiency of data storage. HyperMetro can support both SAN and NAS protocols in one box, which means it can provide active-active protection for both block and file services without requiring separate devices or gateways.

NEW QUESTION 27

Which of the following is NOT included in All-flash Acceleration solution?

- * Primary storage acceleration
- * Backup acceleration
- * HPDA acceleration
- * Secondary storage acceleration

Explanation

Secondary storage acceleration is not included in Huawei's All-Flash Acceleration solution. The All-Flash Acceleration solution consists of three parts: primary storage acceleration, backup acceleration, and High-Performance Data Analytics (HPDA) acceleration. Primary storage acceleration uses OceanStor Dorado all-flash storage to deliver ultra-high performance, low latency, and high reliability for mission-critical workloads. Backup acceleration uses OceanProtect backup storage to provide fast backup

and recovery for enterprise data. HPDA acceleration uses FusionCube hyper-converged infrastructure to integrate storage, computing, network, virtualization, and management into one device for edge computing scenarios.

Reference: All-Flash Storage | OceanStor Dorado | Huawei Enterprise

Huawei H19-110_V2.0 (HCSA-Sales-Storage V2.0) Exam is an important certification for professionals working in the field of storage sales. By passing H19-110_V2.0 exam, candidates can demonstrate their knowledge and expertise in the field, and gain recognition for their skills and abilities. HCSA-Sales-Storage V2.0 certification can also open up new career opportunities and lead to higher salaries and better job prospects. Overall, the Huawei H19-110_V2.0 (HCSA-Sales-Storage V2.0) Exam is an important step for anyone looking to advance their career in the field of storage sales.

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