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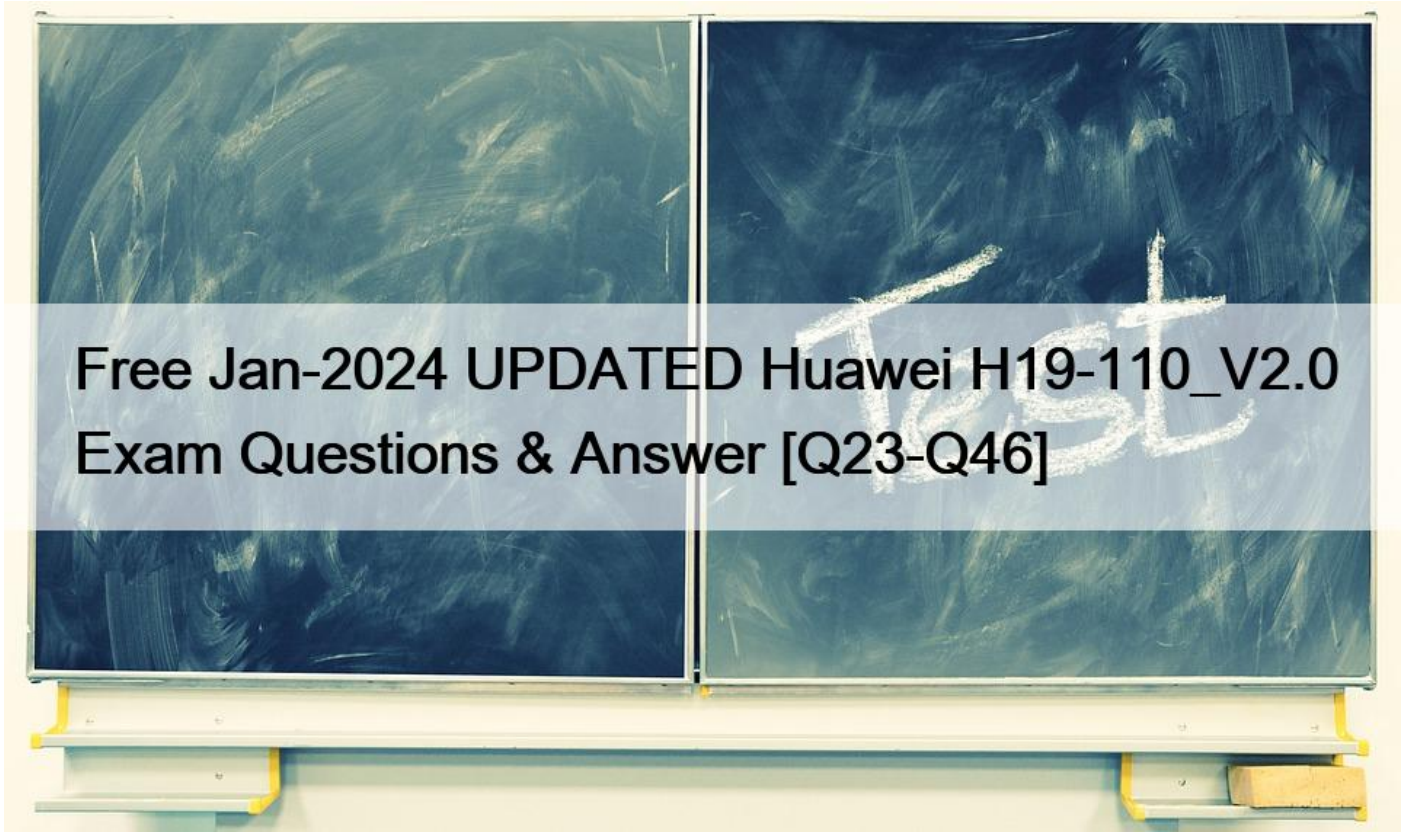

Free Jan-2024 UPDATED Huawei H19-110_V2.0 Exam Questions & Answer
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Huawei H19-110_V2.0 (HCSA-Sales-Storage V2.0) Exam is a crucial certification for sales professionals who wish to work with Huawei's storage products and solutions. H19-110_V2.0 exam covers a range of topics related to storage, and passing it requires a significant amount of preparation and study. However, it can open up many opportunities for sales professionals in the storage industry and can help them build a successful career in this field.

Huawei H19-110_V2.0 (HCSA-Sales-Storage V2.0) Certification Exam is a comprehensive exam that covers a wide range of topics related to storage technologies. It includes topics such as storage architecture, storage networking, storage management, storage security, and storage performance. H19-110_V2.0 exam also covers the latest trends in the storage industry, including cloud storage and software-defined storage. H19-110_V2.0 exam is designed to test the candidate's knowledge and understanding of these topics and their ability to apply this knowledge in real-world scenarios.

NEW QUESTION 23

OceanStor Dorado can support multiple types of 3DC solution, which of following 3DC topologies can be supported by Dorado.

*   Parallel

*   Serial

*   Star

Explanation

OceanStor Dorado can support multiple types of 3DC solution, which is the core of the Geo-Redundant Solution that ensures service continuity and data reliability in case of disasters. The 3DC solution consists of a production center, an intra-city DR center, and a remote DR center. The supported 3DC topologies are parallel, serial, and star. In parallel topology, both the production center and the intra-city DR center form remote replication relationships with the remote DR center. In serial topology, the production center forms a remote replication relationship with the intra-city DR center, which in turn forms another remote replication relationship with the remote DR center. In star topology, the production center forms a HyperMetro relationship with the intra-city DR center, and both of them form remote replication relationships with the remote DR center.

NEW QUESTION 24

Which of the following technologies about OceanProtect is NOT used to accelerate Backup and Recovery performance?

*   Front-end network optimization

*   CPU computing optimization

*   Back-end network optimization

*   RAID-TP

Explanation

RAID-TP is not a technology used by OceanProtect to accelerate backup and recovery performance. RAID-TP is a technology used by OceanStor Dorado to improve data reliability and availability. OceanProtect uses other technologies to speed up backup and recovery, such as front-end network optimization, CPU computing optimization, and back-end network optimization. Reference: Become a certified specialist – Huawei

NEW QUESTION 25

Customer edge sites need storage, computing and network. Which product is recommended?

*   OceanStor Pacific

*   FusionCube

*   OceanStor Protect||OceanStor 9000

Explanation

FusionCube is a product that is recommended for customer edge sites that need storage, computing, and network. FusionCube is a hyper-converged infrastructure product that integrates storage, computing, network, virtualization, and management into one device. FusionCube provides high performance, scalability, reliability, and simplicity for edge computing scenarios, such as smart city, smart transportation, smart retail, and smart manufacturing. Reference: [FusionCube Hyper-Converged Infrastructure Product Brochure]

NEW QUESTION 26

Oceanstor Pacific adopts full symmetric architecture.

*   True

*   False

Explanation

OceanStor Pacific does not adopt a full symmetric architecture. OceanStor Pacific adopts a distributed architecture that consists of

multiple nodes that are interconnected by a network. Each node has its own storage resources and computing resources, and can provide data services independently or collaboratively.

The distributed architecture provides high performance, scalability, reliability, and efficiency for unstructured data storage.

NEW QUESTION 27

Which solutions are inclued 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 28

In Huawei storage portfolio, which product model adopts distributed architecture and is fit for massive data applications?
* OceanStor Dorado
* OceanStor Pacific
* OceanProtect
* FusionCube
Explanation

OceanStor Pacific is a distributed storage system that is designed for massive data applications. It supports multiple protocols, such as NFS, CIFS, S3, and HDFS, and provides high performance, scalability, reliability, and efficiency for unstructured data storage. OceanStor Pacific can handle data volumes ranging from hundreds of TBs to EBs, and can meet the storage requirements of various scenarios, such as big data analytics, backup and archiving, video surveillance, and media production. Reference: [OceanStor Pacific Series Technical White Paper]

NEW QUESTION 29

Which are the main benefits of fast backup and resotore of OceanProtect?
* Less TCO
* Shorter backup window
* Shorter RPO and RTO
* Less power consumption
Explanation

OceanProtect provides fast backup and restore capabilities that can reduce the backup window and improve the recovery point objective (RPO) and recovery time objective (RTO) for enterprise data. OceanProtect leverages E2E acceleration, high bandwidth, and instant access technologies to achieve up to 155 TB/h backup bandwidth and 172 TB/h recovery bandwidth, which are the industry’s highest levels1. OceanProtect also supports instant access to data in backup images, enabling quick utilization of backup data2.

NEW QUESTION 30

Which are the major opportunities for Oceanstor Pacific?
* Oil and gas exploration HPC
* gene sequencing HPC
* automatic driving HPC
* object backup and archiving
Explanation

OceanStor Pacific has four major opportunities in the market based on its features and advantages. First, it can provide HPC storage service for oil and gas exploration scenarios that require high-performance data analysis and processing. OceanStor Pacific supports concurrent access from millions of nodes and delivers ultra-high throughput and bandwidth5. Second, it can provide HPC storage service for gene sequencing scenarios that generate massive amounts of unstructured data. OceanStor Pacific supports multiple protocols such as NFS, CIFS, S3, and HDFS, and provides high performance, scalability, reliability, and efficiency for unstructured data storage3. Third, it can provide HPC storage service for autonomous driving scenarios that needreal-time high-performance big data analytics. OceanStor Pacific leverages E2E NVMe technology to achieve ultra-low latency and high IOPS for file operations5. Fourth, it can provide object storage service for object backup and archiving scenarios that need long-term information retention and compliance. OceanStor Pacific supports erasure coding and compression technologies to increase the effective capacity and save space. It also supports WORM and encryption features to ensure data security3.

NEW QUESTION 31

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 32

Which of the following statements about OceanProtect Case of China’s #1 Commercial Bank is correct?
* OceanProtect solution provides 25TB/h backup bandwidth in this case, shorten the backup window from

16h to 4h.
* The OceanProtect model in this case is X6000.
* The joint backup solution in this case consists of NBU and X6000 hardware, and to replace Legacy VTL.
Explanation

OceanProtect solution provides 25TB/h backup bandwidth in this case, shorten the backup window from 16h to 4h. Comprehensive Short Explanation: The correct statement about OceanProtect Case of China’s #1 Commercial Bank is that OceanProtect solution provides 25TB/h backup bandwidth in this case, shorten the backup window from 16h to 4h. The other statements are incorrect because:

* The OceanProtect model in this case is X9000, not X6000.

* The joint backup solution in this case consists of NBU and X9000 hardware, and to replace Legacy VTL and Tape Library.

Reference: Partner Capability & Resources Center – Huawei Enterprise

NEW QUESTION 33

What is the common benefit of mutiple-protocol interworking and hybrid-worload support of OceanStor Pacific?
* only one storage system required, simplied management and less data copy
* less foot print
* Less storage controllers
* Less computing resource
Explanation

The common benefit of multiple-protocol interworking and hybrid-workload support of OceanStor Pacific is that it allows customers to use only one storage system for different types of data and applications, such as file, object, HDFS, big data analytics, backup and archiving, video surveillance, and media production. This simplifies the management and reduces the data copy among different systems, which improves the efficiency and lowers the cost. Reference: [OceanStor Pacific Series Technical White Paper]

NEW QUESTION 34

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 toprovide 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 35

What are the advantages of Huawei OceanProtect over traditional backup storage?
* Rapid backup
* Rapid recovery
* High reliability
* Efficient reduction
Explanation

The advantages of Huawei OceanProtect over traditional backup storage are rapid backup, rapid recovery, high reliability, and efficient reduction. OceanProtect can provide fast backup and recovery performance by using front-end network optimization, CPU computing optimization, back-end network optimization, and intelligent scheduling technologies. OceanProtect can also ensure high reliability by using RAID-TP technology that can tolerate the simultaneous failures of three disks in a RAID group. Moreover, OceanProtect can achieve high data reduction ratio by using deduplication and compression technologies that can reduce the backup data size by up to 90%.

NEW QUESTION 36

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

NEW QUESTION 37

Which technologies are included in Huawei system level reliability features to ensure ultra realibility?
*   Tolerance for simultaneous failures of 3 disks
*   Reconstruction of 1 TB data in 15 minutes
*   Tolerance for failures of 7 out of 8 controllers with SmartMatrix fully-interconnected architecture
*   Fully Active-Active design with load balance. 5 seconds failover

NEW QUESTION 38

In Huawei storage portfolio, which product model is dedicated backup storage for fast backup and recovery?
*   OceanStor Dorado
*   OceanStor Pacific
*   OceanProtect
*   FusionCube
Explanation

OceanProtect is a dedicated backup storage product that provides fast backup and recovery for enterprise data.

It adopts a converged architecture that integrates backup software, backup server, and backup storage into one device. OceanProtect supports multiple backup protocols, such as NDMP, VTL, and NAS, and can work with mainstream backup software in the industry. OceanProtect also leverages deduplication and compression technologies to reduce the backup data footprint and save storage space. Reference: [OceanProtect Backup Storage Product Brochure]

NEW QUESTION 39

If customer wants to build a storage system with large capacity and less space occupation, which OceanStor Pacifci mode is….
*   Pacifci 9950
*   Pacifci 9550
*   Pacifci 9520
*   Pacifci 9540
Explanation

Pacific 9540 is the product model that can build a storage system with large capacity and less space occupation in OceanStor Pacific series. Pacific 9540 adopts a high-density design that can accommodate up to 106 disks in a 4U chassis, which provides up to 1.06 PB of raw capacity. Pacific 9540 also supports erasure coding and compression technologies to further increase the effective capacity and save space. Reference: [OceanStor Pacific Series Product Brochure]

NEW QUESTION 40

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 41

In Huawei E2E anti-ransomware solution from production storage, to backup storage and to DR storage, which products are
* OceanStor Dorado
* OceanStor Pacific
* OceanProlect
* FusionCube
Explanation

In Huawei E2E anti-ransomware solution from production storage, to backup storage and to DR storage, the products are OceanStor Dorado, OceanStor Pacific, and OceanProtect. OceanStor Dorado is the production storage that provides high performance and reliability for critical applications. OceanStor Pacific is the backup storage that provides efficient data reduction and protection for large-scale data. OceanProtect is the DR storage that provides fast backup and recovery for disaster scenarios .

NEW QUESTION 42

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 bandwidth1. Second, it provides efficient data reduction with multi-layer deduplication, feature-based reduction, and E2E data reduction technologies, achieving a premium datareduction ratio of up to 72:11. 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 failure1.

NEW QUESTION 43

What are Huawei product model for production storage?
* OceanSlor 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 44

Which technolies 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 45

Why Saint-LUC hospital choosed huawei Dorado for their application system?
* Dorado supports SAN&NAS in one box. hosting all kinds application.
* Dorado can implement Active-Active solution without adding any hardware, saving cost
* Dorado offers lower CAPEX than hybrid storage.
* Dorado offers higher performance, making the applications smooth.
Explanation

Saint-Luc hospital chose Huawei Dorado for their application system because of three main reasons. First, Dorado supports both SAN and NAS protocols 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. Second, Dorado can implement an active-active solution without adding any hardware or licenses, which saves cost and improves reliability. The active-active solution 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. Third, Dorado offers higher performance than hybrid storage with its all-flash technology and E2E NVMe capability. Dorado delivers up to 20 million IOPS and 0.1 ms latency for file operations, which makes the applications run smoothly and efficiently.

NEW QUESTION 46

Which tool is recommended when customer wants intelligent O&M functions such as health evalution or intelligent prediction?
* DME IQ
* DME Storage
* Device Manager
* HyperMetro
Explanation

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, and problem management and tracking. DME IQ can intelligently predict risks from multiple dimensions, such as disk failure, performance, and capacity, with high accuracy and resolution rate. DME IQ also provides

real-time evaluation and scoring of system health, performance analytics and diagnosis, capacity prediction and planning, and intelligent capacity prediction.

Reference: DME IQ Intelligent Cloud O&M Platform

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