[Jul-2022 Free DEA-1TT4 Exam Questions DEA-1TT4 Actual Free Exam Questions [Q16-Q36
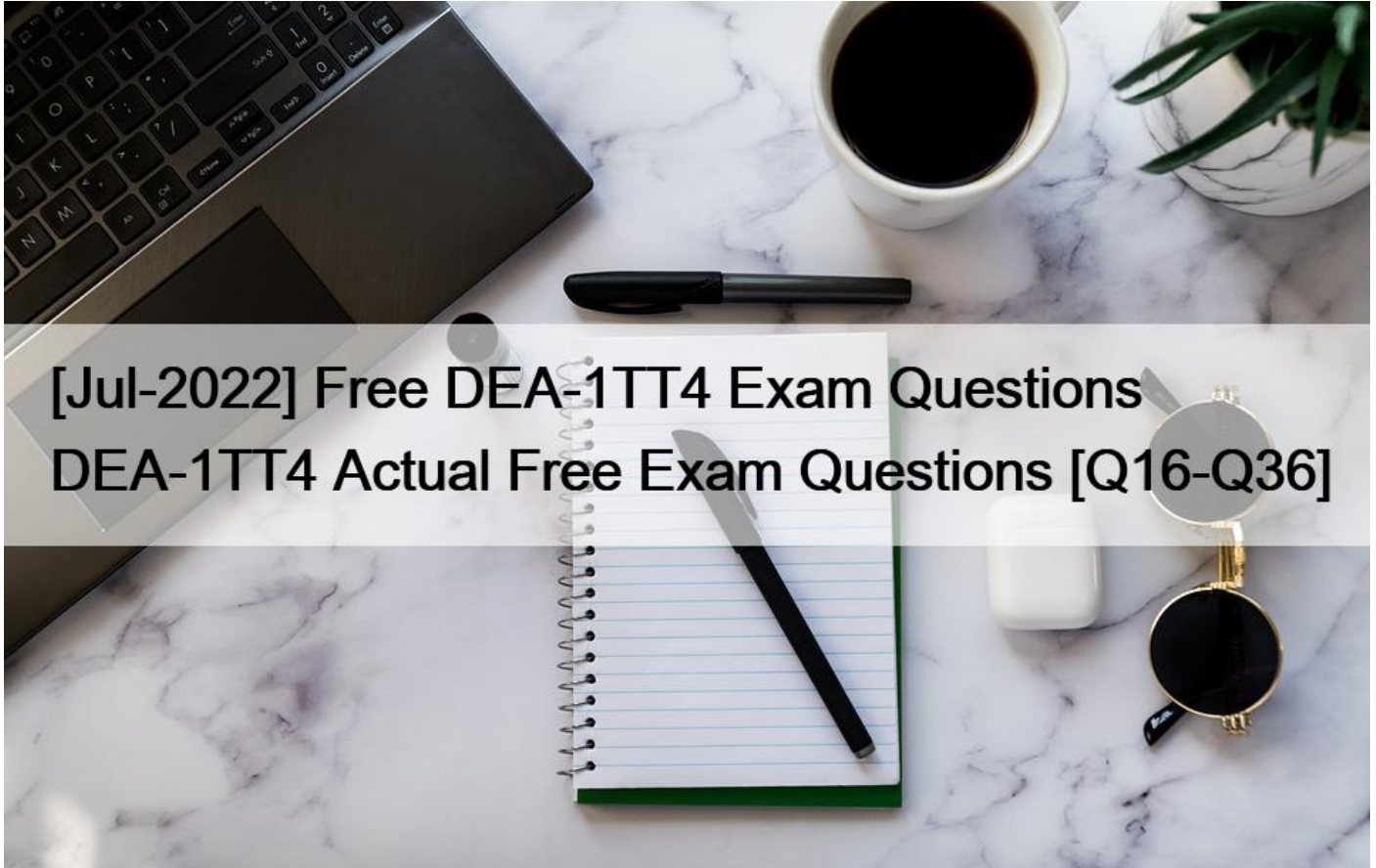

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Q16. Which data center characteristic ensures that data is stored and retrieved exactly as it was received?
* Data integrity
* Security
* Scalability
* Manageability

Q17. Which cloud deployment model allows provisioning of a cloud infrastructure only for use by a single organization having multiple consumers?
* Public cloud
* Multi-cloud
* Hybrid cloud
* Private cloud

Q18. What accurately describes a software-defined architecture?
* Supports only central management of private cloud resources using a pre-defined policy.

* Provides a unified management platform for centralized monitoring and administration.
* Uses only converged and hyperconverged infrastructures to offer services to companies.
* Provides decentralized, manual, and policy-driven IT resource management.

Q19. A Fibre Channel switch has eight ports and all ports must be operational from 8 AM to 8 PM, Monday through Friday. However, a failure of Port 2 occurs on a particular week as follows:

* Monday = 10 AM to 12 PM

* Wednesday = 4 PM to 9 PM

* Thursday = 4 PM to 7 PM

* Friday = 3 PM to 6 PM

* Saturday = 9 AM to 1 PM

What is the availability of Port 2 in that week?
* 70%
* 71.6%
* 78.3%
* 80%

Q20. What is the correct sequence of steps that need to be performed in storage system-based synchronous remote replication?

Q21. Match the Fibre Channel (FC) Layers with their respective functions.

FC Layers	FC Functions
FC-1	Routing
FC-2	Mapping interface
FC-3	Encode/Decode
FC-4	Common services

FC Layers	FC Functions
FC-1	FC-2
FC-2	FC-4
FC-3	FC-1
FC-4	FC-3

FC Layers	FC Functions
FC-1	Routing
FC-2	Mapping interface
FC-3	Encode/Decode
FC-4	Common services
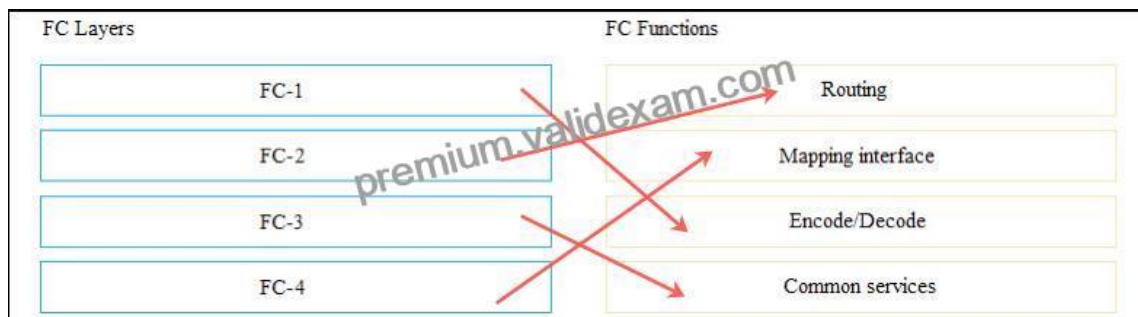
**Q22.** Which file system uses a MapReduce framework to run applications and a NameNode for managing the file system?
* New Technology File System (NTFS)
* Hadoop Distributed File System (HDFS)
* Network File System (NFS)
* Common Internet File System (CIFS)
Explanation/Reference: https://searchdatamanagement.techtarget.com/definition/Hadoop-Distributed-File-System-HDFS

Q23. Which exhibit represents a Type 2 hypervisor?

A. Exhibit 1:
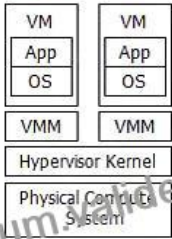
B. Exhibit 2:
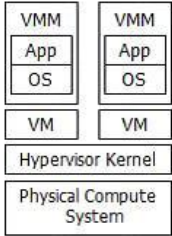
C. Exhibit 3:

D. Exhibit 4:

* Option A
* Option B
* Option C
* Option D

Q24. Which compute system component enables dynamic extension of file system capacity and efficient storage management?
* Logical Unit Number
* Logical Unit Number Masking
* Logical Volume Manager
* Virtual Memory Manager

The evolution of LVMs enabled dynamic extension of file system capacity and efficient storage management.

The LVM provides optimized storage access and simplifies storage resource management. It hides details about the physical disk and the location of data on the disk. It enables administrators to change the storage allocation even when the application is running.

Reference: https://www.mycloudwiki.com/san/server-components/

Q25. What is an activity in the risk assessment step of risk management?
* Determine the likelihood of a risk
* Plan and deploy security controls
* Continuously observe the existing risks
* Identify the sources of threats that increase the risks

Q26. A company plans to deploy a new application in their environment. The new application requires 5 TB of storage space. During peak workloads, the application is expected to generate 3000 IOPS with a typical I/O size of 3 KB. The capacity of each available disk drive is 750 GB. In addition, the maximum number of IOPS a drive can perform at with a 70% utilization is 90 IOPS.

What is the minimum number of disk drives needed to meet the application’s capacity and performance requirements for a RAID 0 configuration?
* 7
* 34
* 50
* 40

Q27. Which Dell EMC product creates a server and IP-based SAN from direct-attached server storage to deliver flexible and scalable performance and capacity on demand?
* PowerMax
* VxFlex OS
* ViPR Controller
* XtremIO
Explanation/Reference: https://www.dellemc.com/mk-mk/collaterals/unauth/white-papers/products/ready-solutions/ h17332_dellemc_vxflex_os_networking_best_practices.pdf

Q28. What is the goal of a business continuity solution?
* Reduce the amount of investment in protecting an organization’s business-related data.
* Avoid a disaster in a data protection environment to control the loss of data.
* Ensure information availability that is required to conduct vital business operations.
* Eliminate security threats in a data protection environment for continuous access to data.
Explanation/Reference: https://www.oreilly.com/library/view/information-storage- and/9781118236963/9781118236963c09.xhtml

Q29. Why is it important for organizations to store, protect, and manage their data?
* Reduce the amount of data to be replicated, migrated, and backed up.
* Rapidly develop and deploy modern applications for business improvement.
* Develop new business opportunities by leveraging existing data.
* Reduce the complexity in managing the data center environment.

Q30. A company wants to implement a Fibre Channel (FC) SAN topology. The implementation will involve deploying four switches for localized compute and storage system connectivity. In addition, to meet their applications’ performance requirements, they need a maximum of one ISL and redundant connections for their compute to storage traffic.

Which topology should be recommended?
* Full mesh topology

* Bus topology
* Partial mesh topology
* Single-switch topology
Explanation/Reference: https://www.mycloudwiki.com/san/fc-san-topologies/

Q31. What is signified by the “variability” characteristic of big data?
* Meaning of the data changes constantly
* Data is generated in different formats by numerous sources
* Data change rate affects its timely analysis
* Varying data quality affects its reliability and accuracy

Q32. A Fibre Channel switch has eight ports and all ports must be operational 24*7. However, a failure of Port 5 occurs on a particular week as follows:

* Monday = 11 AM to 12 PM

* Thursday = 7 AM to 11 AM

* Saturday = 11 AM to 1 PM

What is the availability of Port 5 in that week?
* 93%
* 94.1%
* 95.8%
* 97%
Total uptime / Number of failures

MTBF =

Q33. What accurately describes hypervisor-based continuous data protection?
* Virtual appliance is running on a hypervisor.
* Journal is stored in a virtual machine.
* Virtual appliance runs on a storage system.
* Replica volumes are created in the hypervisor.

Q34. What is a function of the NDMP server in an NDMP-based backup approach?
* Reads the data from the storage device and sends the data to the backup device
* Reads the data from the backup server and sends the data to the backup device
* Instructs the NAS head to startthe backup operation
* Instructs the backup agent on the client to send the data to the backup device

Q35. In an FCoE switch, which function is provided by the Fibre Channel Forwarder (FCF)?
* Communication bridge between CEE and IP networks
* Communication bridge between FC and FCIP networks
* Communication bridge between CEE and FCIP networks
* Communication bridge between CEE and FC networks

Q36. Based on the exhibit, what does the “X”, “Y”, and “Z” represent in a NAS environment?
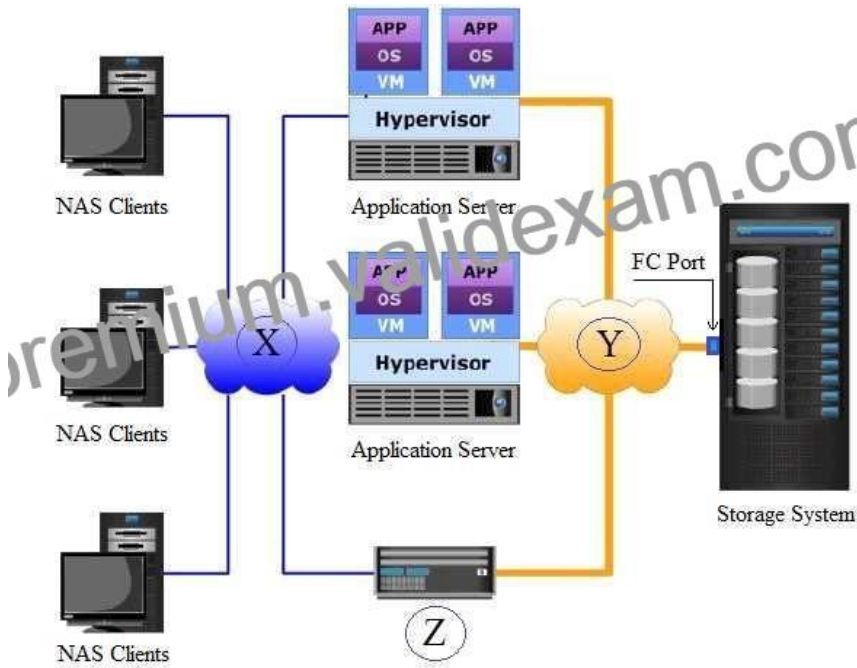
* X = FC SAN, Y = IP Network, and Z = NAS Gateway
* X = IP Network, Y = FC SAN, and Z = NAS Gateway
* X = FC SAN, Y = NAS Gateway, and Z= IP Network
* X = IP Network, Y = NAS Gateway, and Z = FC SAN

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