Vendor: Dell

Exam Code:DEA-1TT4

Exam Name: Information Storage and Management v4 exam

Version: Demo

QUESTION 1

What does the "variability" characteristic of big data signify?

A. Importance in obtaining the right information from data at all possible contexts

B. Cost-effectiveness and business value obtained from massive volumes of data

C. Diversity in the formats and types of data generated from various sources

D. Importance in the quality of data gathered from a number of sources

Correct Answer: C

Reference: https://tdwi.org/articles/2017/02/08/10-vs-of-big-data.aspx

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QUESTION 2

Which Dell EMC product is a hyper-scale storage infrastructure that provides universal accessibility with support for object and HDFS?

A. ViPR Controller

B. PowerMax

C. Isilon

D. Elastic Cloud Storage

Correct Answer: D

Reference: https://www.google.com/url?

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2F516%2F1%2Fh13999-hadoop-ecs-data-services- wp.pdfandusg=AOvVaw1jTgO2qHQLxapR5zvgXWpH

QUESTION 3

What is a characteristic of the Orchestration layer in a modern data center architecture?

A. Interacts directly with physical components across layers to begin provisioning tasks

B. Enables automatic updates of offerings listed in the service catalog with pre-defined workflows

C. Allows centralized, automated, and policy-driven management of heterogeneous resources

D. Enables automated arrangement, coordination, and management of resource provisioning tasks

Correct Answer: D

Reference: https://www.bmc.com/blogs/it-orchestration-vs-automation-whats-the-difference/

QUESTION 4

When implementing a full mesh topology in a Fibre Channel (FC) SAN environment, what is the effect when there is an increase in the number of switches?

A. Reduces the available node ports for ISL connectivity.

B. Increases the load on the ISLs due to traffic aggregation.

C. Increases the hop count for compute to storage traffic.

D. Reduces the available switch ports for node connectivity.

Correct Answer: D

QUESTION 5

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?

A. 70%

B. 71.6%

C. 78.3%

D. 80%

Correct Answer: A

QUESTION 6

DRAG DROP

What is the correct sequence of steps to authenticate an initiator and a target using one-way Challenge Handshake Authentication Protocol (CHAP) after the initiator performs a login to the target?

Select and Place:

Initiator takes the shared secret and calculates the value using a one-way has function and returns a hash value to the target	STEP 1
Authentication is acknowledged and access is granted if the hash value matches	STEP 2
Target sends a CHAP challenge to the initiator	STEP 3
Target computes the expected hash value from the shared secret and compares the value received from the initiator	STEP 4

Correct Answer:

	Target sends a CHAP challenge to the initiator
	Initiator takes the shared secret and calculates the value using a one-way has function and returns a hash value to the target
	Target computes the expected hash value from the shared secret and compares the value received from the initiator
	Authentication is acknowledged and access is granted if the hash value matches

Reference:

https://books.google.com.pk/books?id=tPLBUi8JSogCandpg=PA357andlpg=PA357anddq=initiator+takes+the+shared+secret+and+calculates+the+value+using+a+one+way+has+function+and+return+a+hash+value+to+the

+targetandsource=blandots=HlHg70jCh3andsig=ACfU3U19dz4gIF9nvPh_uLbkoEojyrKlsgandhl=enandsa=Xandved=2a hUKEwjMp_PPluTrAhWZA2MBHX0IBv8Q6AEwBnoECAoQAQ#v=onepageandq=Takes%20shared%20secret%20and %20calculates%

20value%20using%20a%20oneway%20hasandf=false (figure 14-10)

QUESTION 7

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?

A. Full mesh topology

B. Bus topology

C. Partial mesh topology

D. Single-switch topology

Correct Answer: A

Reference: https://www.mycloudwiki.com/san/fc-san-topologies/

QUESTION 8

What is the primary advantage of RAID 6 compared to RAID 5?

A. High available storage capacity

B. Low write penalty

C. High resiliency

D. Low rebuild time for data

Correct Answer: A

QUESTION 9

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?

A. 7

B. 34

C. 50

D. 40

Correct Answer: A

Reference: http://www.raid-calculator.com/default.aspx

QUESTION 10

What is an accurate statement about Governance?

A. Restrict access to certain users

B. Ensure removal of security risks

C. Authorize policy-making decisions

D. Demonstrate adherence to polices

Correct Answer: C

QUESTION 11

Which product enables employees to enroll their mobile devices in an enterprise environment and ensures secure access from the devices to the enterprise resources?

A. Dell PowerEdge

B. Dell InTrust

C. VMware AirWatch

D. VMware AppDefense

Correct Answer: C

Reference: https://docs.vmware.com/en/VMware-Workspace-ONE-UEM/1907/WS1_Express/GUID-AWT-INTROAWEX.html

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QUESTION 12

An organization wants to use an application for their business communication. However, they do not have the skills or the time to deploy and manage an application in-house. Which recommended cloud service model will meet their requirement?

A. Infrastructure as a Service

B. Database as a Service

C. Software as a Service

D. Platform as a Service

Correct Answer: A

Reference: https://www.zdnet.com/article/what-is-cloud-computing-everything-you-need-to-know-about- the-cloud/