

Dell Cloud Infrastructure and Services Foundations 2023

1. What is an advantage of using a distributed virtual switch?

A. It eliminates the requirement of individually configuring policies to hypervisor kernel ports

B. It enables management of the instances of the distributed virtual switch from a centralized server

C. It enables physical NICs to use MAC addresses for transmission of frames

D. It aggregates both physical and distributed virtual switches across a cloud infrastructure

Answer(s): B

2. Which statement is true about virtual machine (VM) snapshots?

A. A parent virtual disk is not required for recovery from a snapshot.

B. A snapshot holds only changed blocks.

C. A snapshot provides a zero recovery point objective.

D. A single delta disk file is used for all the snapshots of a VM.

Answer(s): B

3. What is the correct sequence of steps to determine service pricing?

A. Establish a stable per-unit cost baseline
Add margin over service cost
Aggregate all costs (CAPEX and OPEX) per service
Calculate per-unit service cost

B. Add margin over service cost
Calculate per-unit service cost
Establish a stable per-unit cost baseline
Aggregate all costs (CAPEX and OPEX) per service

C. Aggregate all costs (CAPEX and OPEX) per service
Add margin over service cost
Calculate per-unit service cost
Establish a stable per-unit cost baseline

D. Calculate per-unit service cost
Aggregate all costs (CAPEX and OPEX) per service
Add margin over service cost
Establish a stable per-unit cost baseline

Answer(s): C

4. What is a characteristic of storage resource pools?

A. Resource pools should always be created by different types of storage devices

B. Resources are dynamically allocated based on consumer demand

C. Resources are dynamically released to the pool when the consumer exceeds their quota

D. Resources are reserved by the application after being released by the consumer

Answer(s): B

5. Which APEX custom solution allows customers to choose their hardware, software, services, capacity, and offers usage-based payments?

A. Private and Hybrid Cloud

B. Backup Services

C. Flex on Demand

D. Data Center Utility

Answer(s): C

6. Which Dell EMC product provides software-defined object storage?

A. Data Domain

B. Elastic Cloud Storage (ECS)

C. Isilon

D. XtremIO

Answer(s): B

7. Match the tools with their respective functions.

A. Continuous integration tools - Enable construction of the individual components of a service or infrastructure based on predefined scripts by an administrator Configuration management tools - Enable checks of individual components of the service and infrastructure Build automation tools - Enable automation and coordination of building multiple components and collectively test as a system Unit test automation tools - Enable automatic provisioning of infrastructure or services

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Answer(s): A

8. Dynamic virtual machine (VM) load balancing across storage volumes is enabled.

A. Type of the storage volume

B. Location of the storage volume

C. I/O load on the storage volume

D. Size of the storage volume

Answer(s): C

9. Which host-based security attribute supports audit, multifactor authentication, and IP address filtering?

A. Virtual machine hardening

B. Hypervisor hardening

C. Application hardening

D. Operating system hardening

Answer(s): B

10. What is a characteristic of reporting?

A. Presents service instances to consumers in real time

B. Provides information about events or impending threats or issues

C. Provides tabular or graphical views of monitored information

D. Displays a personalized functional interface

Answer(s): C

11. A cloud service provider is concerned about the security risks due to velocity-of-attack.

A. Role-based access control

B. Containment mechanisms

C. Shredding data-at-rest

D. Multi-factor authentication

Answer(s): B

12. Which document specifies the quality and reliability of Cloud services?

A. Service Charge Rate Specification

B. Regulatory Compliance Document

C. Service Level Agreement

D. Service Termination Agreement

Answer(s): A

13. What enables a cloud service provider to determine if a requirement to keep the data of consumers segregated from each other is being met?

A. Authorization

B. Authentication

C. Privacy control

D. Security audit

Answer(s): D

14. Which statement characterizes the software-defined approach for managing resources?

A. Provides a framework to list services, attributes of services, service-level commitments, terms and conditions for service provisioning, and prices of services

B. Provides the automated arrangement, coordination, and management of various system functions in a cloud infrastructure to manage cloud services

C. Abstracts the underlying infrastructure components and separates the management functions from the infrastructure components

D. Specifies a set of component functions that can be called from a software component to interact with other software components

Answer(s): C

15. What displays the service usage report to consumers in real-time?

A. Configuration management system

B. Informational alert

C. Cloud portal

D. Discovery tool

Answer(s): C

16. The incident management team is unable to determine the root cause of an incident.

A. Availability Management

B. Problem Management

C. Performance Management

D. Change Management

Answer(s): B

17. Which data protection solution enables organizations to protect, manage, and recover data at scale across diverse environments?

A. Dell PowerProtect DP Series Appliances

B. Dell Avamar

C. Dell PowerProtect DD Series Appliances

D. Dell Data Domain

Answer(s): C

18. Which plane in a software-defined storage environment manages and provisions storage?

A. Data

B. Application

C. Control

D. Service

Answer(s): C

19. Which mechanism in a Fibre Channel SAN ensures that unauthorized switches connected to a fabric remain segmented?

A. Port-type locking

B. Fabric binding

C. Port binding

D. Persistent port locking

Answer(s): B

20. Which platform provides a converged infrastructure solution?

A. PowerStore

B. VxRail

C. PowerFlex

D. VxBlock

Answer(s): D
