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#1 Online Certification Guide

E20-020

DECS-CA

A Success Guide to Prepare-
Dell EMC Cloud Infrastructure Specialist for Cloud Architects

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Introduction to E20-020 Exam on Dell EMC Cloud Infrastructure Specialist for Cloud Architects

Use this quick start guide to collect all the information about Dell EMC Cloud Infrastructure Specialist (E20-020) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the E20-020 Dell EMC Cloud Infrastructure Specialist for Cloud Architects exam. The Sample Questions will help you identify the type and difficulty level of the questions and the Practice Exams will make you familiar with the format and environment of an exam. You should refer this guide carefully before attempting your actual Dell EMC DECS-CA certification exam.

The Dell EMC Cloud Infrastructure Specialist certification is mainly targeted to those candidates who want to build their career in Cloud Infrastructure domain. The Dell EMC Certified Specialist - Cloud Architect - Cloud Infrastructure (DECS-CA) exam verifies that the candidate possesses the fundamental knowledge and proven skills in the area of Dell EMC DECS-CA.

Dell EMC E20-020 Certification Details:

Exam Name	Dell EMC Certified Specialist - Cloud Architect - Cloud Infrastructure (DECS-CA)
Exam Code	E20-020
Exam Price	$200 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	63%
Books / Training	Cloud Infrastructure Planning and Design (MR-1CP-ETCIPD) Cloud Infrastructure Planning and Design - Video ILT Stream (MR-1TP-ETCIPD- 142)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Cloud Infrastructure Specialist Sample Questions
Practice Exam	**Dell EMC E20-020 Certification Practice Exam**

Dell EMC E20-020 Exam Syllabus:

Topic	Details	Weights
Introduction to Cloud Design	- Describe the concepts and terminology associated with cloud characteristics, deployment models, services and infrastructure - Apply key processes such as structured assessment, requirements gathering, and goal definition to a cloud design project. Describe the importance of governance, risk, and compliance requirements within the assessment process. - Identify logical and physical designs and explain the appropriate uses for each	11%
Cloud Management	- Describe the benefits, challenges, and considerations of implementing various cloud management platforms and the underlying technologies - Align business requirements when selecting cloud management technologies - Design and plan for deploying components that will support cloud management and operations	15%
Compute Resources	- Describe the benefits, challenges, and considerations of implementing various compute technologies for consumers in a cloud infrastructure - Align business requirements when selecting technologies that support compute resources in a cloud infrastructure - Design and plan for deploying consumer compute resources in a cloud infrastructure	15%
Storage Resources	- Describe the benefits, challenges, and considerations of implementing various storage technologies for consumers in a cloud infrastructure - Align business requirements when selecting technologies that support storage resources in a cloud infrastructure - Design and plan for deploying consumer storage resources in a cloud infrastructure	15%
Network Resources	- Describe the benefits, challenges, and considerations of implementing various network technologies for consumers in a cloud infrastructure - Align business requirements when selecting technologies that support network resources in a cloud infrastructure	15%

Topic	Details	Weights
	- Design and plan for deploying consumer network resources in a cloud infrastructure	
Elasticity, Monitoring, and Metering	- Describe the benefits, challenges, and considerations of implementing technologies that support elasticity in a cloud infrastructure - Describe the benefits, challenges, and considerations of implementing monitoring and metering technologies in a cloud infrastructure - Align business requirements when designing infrastructure to support these capabilities - Design and plan for the elasticity, monitoring, and metering capabilities in a cloud infrastructure	9%
Hybrid Cloud Capabilities	- Describe the benefits, challenges, and considerations of implementing a hybrid cloud infrastructure - Align business requirements when selecting technologies to support hybrid cloud capabilities - Design and plan for a hybrid cloud infrastructure	10%
Disaster Recovery	- Describe the benefits, challenges, and considerations of implementing technologies that support disaster recovery in a cloud infrastructure - Align business requirements when designing disaster recovery capabilities - Design and plan for disaster recovery capabilities in a cloud infrastructure	10%

E20-020 Sample Questions:

01. When implementing QoS across a cloud network, how is storage traffic usually prioritized?
a) Most important
b) More important than tenant traffic but less important than management traffic
c) More important than management traffic but less important than tenant traffic
d) Least improtant

02. Which common support services are often replicated between clouds in a hybrid cloud deployment?
a) DNS, authentication, and databases
b) Authentication, databases, and CDN
c) Databases, CDN, and DNS
d) Authentication, CDN, and DNS

03. A cloud architect is evaluating an organization's need for encryption. Which type of encryption allows the deletion of data on disk by simply deleting the encryption key?

a) Embedded
b) Application
c) File
d) File system

04. Which benefits might be realized by designing a separate infrastructure pool to host network functions?
a) Reduced public IP address consumption, reduced troubleshooting time, and reduced consumer in frastructure load
b) Reduced troubleshooting time, reduced consumer infrastructure load, and enhanced security
c) Reduced troubleshooting time, enhanced security, and reduced public IP address consumption
d) Reduced consumer infrastructure load, enhanced security, and reduced public IP address consumption

05. During the assessment phase of the design process, the cloud architect discovers that an organization wants to provide consumers with the ability to backup and restore entire virtual machines. Which backup application functionality will support this requirement?
a) Agent-based backups
b) Image-based backups
c) Array-based snapshots
d) Cloud gateway backups

06. What influences hypervisor selections in a cloud design?
a) Virtual machine templates, organizational expertise, and scalable network architecture
b) Physical infrastructure, cloud management platform support, and organizational expertise
c) Orchestration service support, network infrastructure, and organizational expertise
d) Automatic failover, memory management, and licensing

07. Which storage category and feature is represented by EMC XtremIO?
a) Central storage and full redundancy
b) Distributed storage and Flash
c) Central storage and active/passive
d) Distributed storage and full redundancy

08. In addition to the operating system, what other components does the consumer manage in an IaaS cloud service model?
a) Application, data, storage, and physical networking
b) Data, middleware, application, and runtime
c) Runtime, physical servers, application, and middleware
d) Middleware, runtime, hypervisor, and application

09. You are creating a cloud infrastructure design for an organization. You learn that, for compliance reasons, the organization needs to maintain a separate set of infrastructures for certain deployed services. Which part of the design will be impacted by this requirement?

a) Number of service catalogs
b) Number of compute pools
c) Service catalog sizing
d) Over-commitment ratio

10. What are key benefits of ITaaS compared to traditional IT processes?
a) Tiered services, integrated inventory management, and SLA-driven profit model
b) Service catalog, SLA-driven management, and chargeback
c) Strong policies, DevOps, and software licensing
d) Ticket-based service model, cost, and chargeback

Answers to E20-020 Exam Questions:

Question: 01 Answer: c	Question: 02 Answer: a	Question: 03 Answer: a	Question: 04 Answer: d	Question: 05 Answer: b
Question: 06 Answer: b	Question: 07 Answer: a	Question: 08 Answer: b	Question: 09 Answer: b	Question: 10 Answer: b

Note: If you find any typo or data entry error in these sample questions, we request you to update us by commenting on this page or write an email on feedback@edusum.com