



E20-555

DECS-TA

A Success Guide to Prepare-
Dell EMC Isilon Solutions and Design Specialist for Technology Architects

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Introduction to E20-555 Exam on Dell EMC Isilon Solutions and Design Specialist for Technology Architects

Use this quick start guide to collect all the information about Dell EMC Isilon Solutions and Design Specialist (E20-555) Certification exam. This study guide provides a list of objectives and resources that will help you prepare for items on the E20-555 Dell EMC Isilon Solutions and Design Specialist for Technology 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-TA certification exam.

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

Dell EMC E20-555 Certification Details:

Exam Name	Dell EMC Certified Specialist - Technology Architect - Isilon Solutions (DECS-TA)
Exam Code	E20-555
Exam Price	\$200 (USD)
Duration	120 mins
Number of Questions	60
Passing Score	60%
Books / Training	Isilon Fundamentals (MR-1WNISILONFUND) Isilon Solution Design – Video ILT (MR-7TP-ISID0916)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Isilon Solutions and Design Specialist Sample Questions
Practice Exam	Dell EMC E20-555 Certification Practice Exam

Dell EMC E20-555 Exam Syllabus:

Topic	Details	Weights
Isilon Infrastructure	<ul style="list-style-type: none"> - Describe the nature and use of Isilon nodes, components, node pools, and node compatibilities - Describe the nature and use of latency, sequential versus random access, and endurant cache - Describe the nature of Isilon networking, Access Zones, and use of SmartConnect 	18%
Isilon Advanced Applications, Identity Management, and Management	<ul style="list-style-type: none"> - Describe how to determine when to use SnapshotIQ when snapshots are not recommended - Describe data requirements regarding SmartPools, SD Edge, and CloudPools - Describe data requirements regarding SyncIQ, SmartQuotas, SmartDedupe, and SmartLock - Describe the client access, client permissions and client protocol access on the Isilon cluster - Describe the nature and use of job engines - Describe the nature and use of RBAC - Describe cluster monitoring and use of CELOG - Describe file striping, data protection, metadata, and caching and Describe replication and recovery 	52%
Solution Design Process	<ul style="list-style-type: none"> - Describe the information requirements for designing an Isilon solution, including determining hardware and software capacity, file server consolidation, file size considerations, performance sizing impact, data types, and I/O characteristics 	7%
Sizing Considerations	<ul style="list-style-type: none"> - Describe how data availability and protection are implemented and measured on an Isilon cluster. Describe how disk space is utilized for small and large files and its effects on protection overhead. - Describe how I/O patterns and latency requirements impact workflows on the Isilon cluster - Describe the challenges and considerations for configuring backup and archive workflows 	17%
Tools	<ul style="list-style-type: none"> - Describe the nature and appropriate use of workflow analysis tools: Mitrend, SPA, PerMon - Describe the nature and appropriate use of workflow analysis tools: iostat, iperf, tcpdump, Wireshark, NFSstat 	7%

E20-555 Sample Questions:

01. In an Isilon environment, which event will avoid Dynamic IP Address reallocation?

- a) Failure of the back-end network
- b) Node reboot
- c) Client is added to the cluster
- d) Cluster split

02. Which data protection does Isilon use?

- a) RAIN
- b) FEC
- c) RAID
- d) WAFL

03. A customer plans to deploy N+2:1 protection on a 5-node Isilon cluster. How much capacity will be used to store a 1024 KiB file?

- a) 1024 KiB
- b) 1280 KiB
- c) 1792 KiB
- d) 1920 KiB

04. Using Isilon SnapshotIQ, how many snapshots can be created at the directory level?

- a) 8
- b) 96
- c) 256
- d) 1024

05. What is the minimum number of nodes in an Isilon cluster for N+2 protection?

- a) 3
- b) 5
- c) 6
- d) 9

06. When working with Isilon file pool policies, which file attribute can be applied as a filter?

- a) Performance
- b) File create date
- c) File type
- d) Permissions

07. Which type of antivirus scan is unsupported by Isilon OneFS?

- a) Individual files
- b) Policy scan
- c) Multi Scan
- d) On-access

08. If a file is 4 KB in size, how much space is consumed for file data when it is written to the Isilon cluster?

- a) 4 KB
- b) 8 KB
- c) 16 KB
- d) 32 KB

09. A four-node Isilon cluster is being used in a Hadoop workflow with a parity protection of N+2:1. The HDFS protocol has been enabled and is being used to

access data. How many additional copies of data are written into the Isilon cluster using HDFS?

- a) None
- b) One
- c) Three
- d) Two

10. Which type of antivirus scan is unsupported by Isilon OneFS?

- a) Individual files
- b) Policy scan
- c) Multi Scan
- d) On-access

Answers to E20-555 Exam Questions:

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

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