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# DELL TECHNOLOGIES D-ECS-DS-23

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**Dell Technologies ECS Design Certification Questions & Answers**

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Exam Summary – Syllabus – Questions

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**D-ECS-DS-23**

**[Dell Technologies Certified ECS Design 2023](#)**

**60 Questions Exam – 63% Cut Score – Duration of 90 minutes**

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## Know Your D-ECS-DS-23 Certification Well:

The D-ECS-DS-23 is best suitable for candidates who want to gain knowledge in the Dell Technologies Storage. Before you start your D-ECS-DS-23 preparation you may struggle to get all these crucial ECS Design materials like D-ECS-DS-23 syllabus, sample questions, study guide.

But don't worry the D-ECS-DS-23 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the D-ECS-DS-23 syllabus?
- How many questions are there in the D-ECS-DS-23 exam?
- Which Practice test would help me to pass the D-ECS-DS-23 exam at the first attempt?

Passing the D-ECS-DS-23 exam makes you Dell Technologies Certified ECS Design 2023. Having the ECS Design certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

## Dell Technologies D-ECS-DS-23 ECS Design Certification Details:

Exam Name	Dell Technologies Certified ECS Design 2023
Exam Code	D-ECS-DS-23
Exam Price	\$230 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	63%
Books / Training	<a href="#">ECS Design Training</a>
Schedule Exam	<a href="#">Pearson VUE</a>
Sample Questions	<a href="#">Dell Technologies ECS Design Sample Questions</a>
Practice Exam	<a href="#">Dell Technologies D-ECS-DS-23 Certification Practice Exam</a>

## D-ECS-DS-23 Syllabus:

Topic	Details	Weights
ECS Solution Design Platform Architecture	<ul style="list-style-type: none"> <li>- Recommend activities performed in the end-to-end process of solutions design</li> <li>- Identify the node type for a given workflow or use case</li> <li>- Determine the hardware requirements for a given use case or workflow</li> </ul>	20%
ECS Solution Design Networking	<ul style="list-style-type: none"> <li>- Design an ECS networking solution to meet requirements or use cases</li> <li>- Recommend the appropriate network separation deployments</li> <li>- Differentiate the load balancer types and methods</li> </ul>	20%
ECS Solution Design Data Management	<ul style="list-style-type: none"> <li>- Recommend a configuration of the ECS storage abstractions</li> <li>- Differentiate between protection/replication configurations</li> <li>- Design resiliency for potential failure scenarios</li> </ul>	20%
ECS Solution Design Cluster Access	<ul style="list-style-type: none"> <li>- Identify the use cases for client protocols</li> <li>- Design a multi-tenant solution using the ECS isolation features</li> <li>- Identify the access control required to implement data permissions for ECS client access</li> <li>- Identify the use cases for data compliance and retention</li> </ul>	20%
ECS Solution Design Monitoring and Performance	<ul style="list-style-type: none"> <li>- Recommend the most appropriate monitoring capabilities for the situation</li> <li>- Identify factors that impact performance</li> </ul>	20%

## Dell Technologies D-ECS-DS-23 Sample Questions:

### Question: 1

How is XOR optimization implemented on an ECS geo-active replication group containing three sites?

- a) Primary copy of chunk A on VDC1  
Primary copy of chunk B on VDC2  
A replicated copy of both chunks on VDC3
- b) Primary copy of chunk A on VDC1  
Secondary copy of chunk A on VDC2  
A consolidated copy of both chunks on VDC3
- c) Primary copy of chunk A on VDC1  
Primary copy of chunk B on VDC2  
A consolidated copy of both chunks on VDC3
- d) Primary copy of chunk A on VDC1  
XOR copy of chunk A on VDC2  
A backup copy of chunk A on VDC3

**Answer: c**

### Question: 2

Which two statements regarding namespaces on ECS are true?  
(Select 2)

- a) Multiple namespaces can share access to the same bucket.
- b) Namespaces provide logical isolation of data.
- c) Namespaces provide physical isolation of data.
- d) Multiple namespaces require unique bucket names.

**Answer: a, b**

### Question: 3

When following best practices, what must the solution architect consider when sizing an upgrade for an existing ECS cluster without adding additional nodes?

- a) Only add drives of the same capacity within the node.
- b) Replace all the drives with higher capacity drives.
- c) Add different capacity drives within the node.
- d) Disable data replication to free up storage space.

**Answer: a**

**Question: 4**

What is the minimum number of VDCs that can be managed as a federation?

- a) 3
- b) 4
- c) 2
- d) 5

**Answer: c**

**Question: 5**

What are the two considerations for designing ECS replication groups in an archive solution?  
(Select 2)

- a) Fast ingest on EXF900 may speed up the replication process and reduce RPO.
- b) WAN latency may create performance bottlenecks during remote reads.
- c) Global replication groups are mandatory in a two or more ECS VDC setup.
- d) Limit the number of replication groups to reduce indexing overhead.

**Answer: b, d**

**Question: 6**

An organization is troubleshooting the responsiveness of their ECS cluster when clients connect to their objects. What dashboard is recommended to monitor transactions per second?

- a) Data Access Performance
- b) Node Rebalancing
- c) Process Health
- d) Disk Bandwidth

**Answer: a**

**Question: 7**

Where is erasure coding applied in ECS?

- a) To the system index only
- b) To the metadata chunks only
- c) To the data tables only
- d) To chunks containing object data only

**Answer: d**

**Question: 8**

A service provider with a 64 node ECS in a single VDC requires logical separation of data for each tenant. All tenants would like to use 12+4 erasure coding scheme for data protection. What is the recommended way to configure ECS?

- a) Create a single storage pool with one replication group per tenant.
- b) Create a single storage pool with one or more namespaces per tenant.
- c) Create a single storage pool per tenant with the same replication group.
- d) Create a single namespace with one bucket per tenant.

**Answer: b****Question: 9**

A corporation has a single-site ECS system and is contemplating implementing a three-site Geo Federated environment. They want to know what benefits Geo replication offers. Which two benefits can a technology architect promote?

(Select 2)

- a) Provides improved security against site failures by creating multiple copies of the data
- b) Replication group creation without VDC Federation
- c) Reduces indexing overhead by increasing the number of replication groups
- d) Storage efficiency by taking advantage of XOR compression

**Answer: a, d****Question: 10**

ECS enforces multiple policy rules to ensure compliance with SEC 17a-4(f) regulations. Which two policy rules are valid after enabling compliance?

(Select 2)

- a) A compliant bucket can be deleted while it still has objects under retention.
- b) Retained objects cannot be erased until their retention period expires.
- c) Retention periods for stored objects can be increased but not decreased.
- d) Both ECS Appliance and ECS software-only solutions supports policy-based compliance.

**Answer: b, c**

## Study Guide to Crack Dell Technologies ECS Design D-ECS-DS-23 Exam:

- Getting details of the D-ECS-DS-23 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the D-ECS-DS-23 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Dell Technologies provided training for D-ECS-DS-23 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the D-ECS-DS-23 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on D-ECS-DS-23 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

### **Reliable Online Practice Test for D-ECS-DS-23 Certification**

Make EduSum.com your best friend during your Dell Technologies ECS Design 2023 exam preparation. We provide authentic practice tests for the D-ECS-DS-23 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual D-ECS-DS-23 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the D-ECS-DS-23 exam.

**Start Online practice of D-ECS-DS-23 Exam by visiting URL**  
**<https://www.edusum.com/dell-technologies/d-ecs-ds-23-dell-technologies-ecs-design-2023>**