



DELL EMC DES-5221

**Dell EMC Data Center Networking Implementation Engineer
Certification Questions & Answers**

Exam Summary – Syllabus – Questions

DES-5221
Dell EMC Certified Specialist - Implementation Engineer - Data Center Networking
60 Questions Exam – 63% Cut Score – Duration of 90 minutes

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Know Your DES-5221 Certification Well:

The DES-5221 is best suitable for candidates who want to gain knowledge in the Dell EMC Networking. Before you start your DES-5221 preparation you may struggle to get all the crucial Data Center Networking Implementation Engineer materials like DES-5221 syllabus, sample questions, study guide.

But don't worry the DES-5221 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 DES-5221 syllabus?
- How many questions are there in the DES-5221 exam?
- Which Practice test would help me to pass the DES-5221 exam at the first attempt?

Passing the DES-5221 exam makes you Dell EMC Certified Specialist - Implementation Engineer - Data Center Networking. Having the Data Center Networking Implementation Engineer 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 EMC DES-5221 Data Center Networking Implementation Engineer Certification Details:

Exam Name	Dell EMC Certified Specialist - Implementation Engineer - Data Center Networking
Exam Code	DES-5221
Exam Price	\$230 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	63%
Books / Training	Dell EMC Networking - Data Center Configuration and Administration (ES102NET00232) Dell EMC Networking - Data Center Configuration and Administration (DESPR-826-8015 LATAM)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Data Center Networking Implementation Engineer Sample Questions
Practice Exam	Dell EMC DES-5221 Certification Practice Exam

DES-5221 Syllabus:

Topic	Details	Weights
Networks - The Basics	<ul style="list-style-type: none"> - Identify common data center topologies, protocols, and topologies; describe the Dell EMC data center switch portfolio - Basic switch configuration: Identify the normal boot process of a S and Z-Series switch running OS 10. List the first-time switch setup requirements. Perform the steps for upgrading switch firmware in OS 10. - Access Control Lists: Explain the purpose of access control; apply appropriate commands to deny or permit IP connectivity; complete the required configuration to permit host access control; determine why particular computers are being blocked from accessing a server - AAA Security: Explain the purpose of AAA security; describe AAA process, core components and their function; configure local and RADIUS authentication - Dynamic Host Configuration Protocol: DHCP's basic operation; Explain the role of the DHCP Relay; configure DHCP in OS10; identify the options to secure DHCP from attacks 	19.6%
Layer-2 Technologies and Protocols	<ul style="list-style-type: none"> - Virtual Lans - Identify the characteristics of a VLAN; explain the differences between tagged and untagged frames; configure VLAN trunking; configure VLAN Port membership; verify trunking and Port Membership; troubleshoot VLANs - Spanning-tree Protocol - Identify the operations and use cases for STP; Configure and validate RSTP/MSTP/RSTP-PV; Manipulate spanning tree root bridge and port cost configurations - Link Aggregation Groups - Identify the operations and use cases for LAGs; configure, verify, and trouble shoot static LAGs; configure, verify, and troubleshoot dynamic LAGs - Discovery Protocols - Describe the characteristics of discovery protocols; describe uses cases for using discovery protocols; explain how to configure and validate. Configure discovery protocols; interpret LLDP outputs 	20.1%

Topic	Details	Weights
<p>Discovery Protocols - Describe the characteristics of discovery protocols; describe uses cases for using discovery protocols; explain how to configure and validate. Configure discovery protocols; interpret LLDP outputs</p>	<ul style="list-style-type: none"> - Basic Routing - Configure IPv4 on an interface; identify when to utilize a gateway as a last resort; configure and modify static routes; test inter-VLAN routing - Open Shortest Path First - describe OSPF operation, and core components; configure and validate OSPF using; interpret OSPF show commands; describe the operations and use cases for ECMP; test inter-VLAN routing - Border Gateway Protocol - Explain operations of BGP; - identify design best practices when configuring BGP in a leaf/spine environment; configure and validate BGP; Describe the operations and use cases for ECMP; configure and validate ECMP - Policy-Based Routing - Describe the basic operation of PBR; identify PBR use cases; configure and validate PBR 	<p>30.7%</p>
<p>Data Center Technologies and Protocols</p>	<ul style="list-style-type: none"> - Virtual Link Trunking - Describe the components that makeup a VLT configuration; Configure and validate VLTs; troubleshoot basic VLT configuration issues - Virtual Router Redundancy Protocol - describe the basic operation of VRRP; identify the components of VRRP; describe VRRP Priorities; compare Pre-empt and no Pre-empt; configure VRRP on switches configured for VLT - Uplink Failure Detection - describe the components and operation of UFD; identify the differences between Active/Active and Active/Standby; configure and verify UFD - Virtual Routing and Forwarding - describe the operations and use cases for (VRF); configure and validate VRF - Quality of Service - Describe the basic operation of QoS; Describe how QoS identifies and marks traffic; identify the characteristics of QoS; identify QoS protocols and their uses; configure QoS - Multicast - Explain in depth the concepts relating to IP Multicast technology; compare IGMP and PIM use cases; identify the steps required to configure multicasting into an existing multicast environment 	<p>29.6%</p>

Dell EMC DES-5221 Sample Questions:

Question: 1

In an NSSA, which type of LSA is used for redistribution?

- a) 3
- b) 4
- c) 5
- d) 7

Answer: d

Question: 2

A network administrator is troubleshooting a PBR implementation and needs to know how many packets have matched the route-map criteria. How do they view this information in OS10?

- a) OS10# show route-map
- b) OS10# show interface statistics
- c) OS10# show route-maproute-map-statistics
- d) OS10# show route-mappbr-statistics

Answer: d

Question: 3

What must be done before configuring any routing protocol in a VRF instance?

- a) Assign an IP address to at least one of the interfaces assigned to the VRF instance
- b) Create a routing group for each VRF instance
- c) Assign each VRF instance to a routing group
- d) Nothing, VRF routing protocols are assigned automatically

Answer: a

Question: 4

What is an advantage of running LLDP?

- a) Automatic error detection and correction of the port
- b) Reduces spanning-tree convergence
- c) Provides detailed software version information
- d) Simplifies the use of network management

Answer: d

Question: 5

The VLAN tag is located between which fields in the Ethernet frame?

- a) Destination MAC and Source MAC
- b) Ether Type/Size and Data
- c) Preamble and Destination MAC
- d) Source MAC and Ether Type/Size

Answer: d

Question: 6

A network administrator needs to restrict packets that are destined to the CPU of an OS10 switch. How do they accomplish this?

- a) IP fragment ACLs
- b) Control-plane ACLs
- c) Management-plane ACLs
- d) Static null routes

Answer: b

Question: 7

What do bridge protocol data units provide?

- a) Special data frames to exchange STP information
- b) Metadata transferred connecting two network bridges
- c) Configuration data exchanged during a VLTi setup
- d) Bridge information part of the LLDP protocol

Answer: a

Question: 8

What configuration must be common on iBGP neighbors to form an iBGP adjacency?

- a) Local preference
- b) Router-ID
- c) AS number
- d) Loopback interfaces

Answer: c

Question: 9

Which user role in OS10 has full access to all commands and exclusive access to commands that manipulate the file system?

- a) netadmin
- b) sysadmin
- c) secadmin
- d) netoperator

Answer: b

Question: 10

Which OSPF router is responsible for originating Network Link State Advertisements?

- a) Designated Router
- b) Internal Router
- c) Area Border Router
- d) Backbone Router

Answer: a

Study Guide to Crack Dell EMC Data Center Networking Implementation Engineer DES-5221 Exam:

- Getting details of the DES-5221 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 DES-5221 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 EMC provided training for DES-5221 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 DES-5221 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 DES-5221 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for DES-5221 Certification

Make EduSum.com your best friend during your Dell EMC Data Center Networking Specialist Exam for Implementation Engineer exam preparation. We provide authentic practice tests for the DES-5221 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual DES-5221 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 DES-5221 exam.

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