



IBM D-NWG-FN-23

IBM Networking Foundations Certification Questions & Answers

Exam Summary – Syllabus – Questions

D-NWG-FN-23

[Dell EMC Networking Foundations 2023](#)

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

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Know Your D-NWG-FN-23 Certification Well:

The D-NWG-FN-23 is best suitable for candidates who want to gain knowledge in the IBM Networking. Before you start your D-NWG-FN-23 preparation you may struggle to get all the crucial Networking Foundations materials like D-NWG-FN-23 syllabus, sample questions, study guide.

But don't worry the D-NWG-FN-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-NWG-FN-23 syllabus?
- How many questions are there in the D-NWG-FN-23 exam?
- Which Practice test would help me to pass the D-NWG-FN-23 exam at the first attempt?

Passing the D-NWG-FN-23 exam makes you Dell EMC Networking Foundations 2023. Having the Networking Foundations certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

IBM D-NWG-FN-23 Networking Foundations Certification Details:

Exam Name	Dell EMC Networking Foundations 2023
Exam Code	D-NWG-FN-23
Exam Price	\$230 (USD)
Duration	90 mins
Number of Questions	60
Passing Score	60%
Books / Training	Dell Networking Concepts and Features v2 (ESNETD03880) Dell Networking Concepts and Features v2 (ESNETS03879)
Schedule Exam	Pearson VUE
Sample Questions	Dell EMC Networking Foundations Sample Questions

Practice Exam	<u>Dell EMC D-NWG-FN-23 Certification Practice Exam</u>
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D-NWG-FN-23 Syllabus:

Topic	Details	Weights
Networking Essentials	<ul style="list-style-type: none"> - Explain the purpose and function of network devices such as switches and routers - Distinguish between interface and cabling options - Describe the steps and settings used for the initial configuration of a switch 	5%
Ethernet Technologies	<ul style="list-style-type: none"> - Describe how Ethernet addressing and framing operates - Describe the operation and behavior of LLDP, VLANs, STP, and LAG - Identify the commands to configure and verify LLDP, VLANs, STP, and LAG - Describe common storage networking features and benefits 	40%
IP Networking	<ul style="list-style-type: none"> - Identify the differences between private and public IP addressing - Describe the properties of IPv4 addressing - Describe the IPv6 address format and types of IPv6 address - Explain the forwarding logic used by Layer 3 capable devices - Identify the differences between static and dynamic routing 	25%
Network Services	<ul style="list-style-type: none"> - Identify the commands to configure and verify the operation of DHCP - Describe the operation and behavior of the NTP service - Identify the commands to configure and verify the operation of NTP 	5%
Security Essentials	<ul style="list-style-type: none"> - Describe the options for securing access to a network switch - Identify the commands used to configure local authentication - Describe the use and configuration of ACLs 	10%
Network Operations	<ul style="list-style-type: none"> - Identify the commands to transfer files to/from switches 	10%

Topic	Details	Weights
	<ul style="list-style-type: none"> - Identify common connectivity problems and their solutions - Outline the recommended steps during a switch OS upgrade - Identify the commands to enable a switch for SNMP monitoring 	
Automation	<ul style="list-style-type: none"> - Explain the role and advantages of using Smart Fabric Services - Explain the role and advantages of using Smart Fabric Services 	5%

IBM D-NWG-FN-23 Sample Questions:

Question: 1

A service technician is deploying four Dell EMC Networking N-Series switches in a company's network. The technician has enabled the Spanning Tree protocol on the switches.

Which switch should the Spanning Tree protocol select as a root bridge?

- a) 32768: 22-33-44-55-66-78
- b) 36864: 11-22-33-44-55-66
- c) 32768: 22-33-44-55-66-77
- d) 32768: 11-22-33-44-55-65

Answer: d

Question: 2

Which IEEE 802.3 sublayer provides addressing and mechanisms that enable network devices to communicate, and provides node-to-node flow control and error management?

- a) Physical signaling
- b) Logical Link Control
- c) Media specifications
- d) Media Access Control

Answer: b

Question: 3

In IPv6 addressing, what refers to four binary characters?

- a) Byte
- b) Bit
- c) Nibble
- d) Block

Answer: c

Question: 4

What is a fundamental risk of the Peer-to-Peer network model?

- a) Adding peers generally decreases network throughput
- b) Adding peers decreases the capacity for resource sharing
- c) A single point-of-failure
- d) Lack of solid security due to cross-peer resource sharing

Answer: d

Question: 5

In IPv4, what is the proper conversion from decimal to binary for the number 226?

- a) 11100010
- b) 11100100
- c) 11100110
- d) 11110010

Answer: a

Question: 6

Which address is a valid 802.3 MAC address?

- a) 00:C4:4F:3C:7A:00
- b) 00:C4:4F:3C:7A:00:01
- c) 00:G4:4F:3C:7A:00:01
- d) 00:G4:4F:3C:7A:03

Answer: a

Question: 7

A network administrator needs to identify which MAC addresses are static. Under which column in the output of the show mac-address-table command is this information displayed?

- a) Interface
- b) Type
- c) MAC address
- d) State

Answer: b**Question: 8**

How many stackable units are supported by a C1048P Rapid Access Node?

- a) 4
- b) 6
- c) 12
- d) 8

Answer: d**Question: 9**

Which network device functions only at Layer 1 of the OSI model?

- a) Switch
- b) Bridge
- c) Hub
- d) Router

Answer: c**Question: 10**

Which nanometer range will an SFP work in multi-mode?

- a) 850
- b) 1310
- c) 1510
- d) 1610

Answer: a

Study Guide to Crack IBM Networking Foundations D-NWG-FN-23 Exam:

- Getting details of the D-NWG-FN-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-NWG-FN-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 IBM provided training for D-NWG-FN-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-NWG-FN-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-NWG-FN-23 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

Reliable Online Practice Test for D-NWG-FN-23 Certification

Make EduSum.com your best friend during your Dell EMC Networking Foundations 2023 exam preparation. We provide authentic practice tests for the D-NWG-FN-23 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual D-NWG-FN-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-NWG-FN-23 exam.

Start Online practice of D-NWG-FN-23 Exam by visiting URL

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