



010-151

Supporting Cisco Data Center System Devices

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SUCCESS GUIDE TO CISCO CERTIFICATION

Exam Summary – Syllabus – Questions

Table of Contents

Introduction to 010-151 Exam on Supporting Cisco Data Center System

Devices	2
Cisco 010-151 Certification Details:	2
Cisco 010-151 Exam Syllabus:.....	3
010-151 Sample Questions:	5
Answers to 010-151 Exam Questions:	7

Introduction to 010-151 Exam on Supporting Cisco Data Center System Devices

A great way to start the Cisco Certified Technician Data Center (DCTECH) preparation is to begin by properly appreciating the role that syllabus and study guide play in the Cisco 010-151 certification exam. This study guide is an instrument to get you on the same page with Cisco and understand the nature of the Cisco CCT Data Center exam.

Our team of experts has composed this Cisco 010-151 exam preparation guide to provide the overview about Cisco Supporting Cisco Data Center System Devices exam, study material, sample questions, practice exam and ways to interpret the exam objectives to help you assess your readiness for the Cisco DCTECH exam by identifying prerequisite areas of knowledge. We recommend you to refer the simulation questions and practice test listed in this guide to determine what type of questions will be asked and the level of difficulty that could be tested in the Cisco CCT Data Center certification exam.

Cisco 010-151 Certification Details:

Exam Name	Supporting Cisco Data Center System Devices
Exam Number	010-151 DCTECH
Exam Price	\$125 USD
Duration	90 minutes
Number of Questions	65-75
Passing Score	Variable (750-850 / 1000 Approx.)
Recommended Training	Supporting Cisco Data Center System Devices (DCTECH)
Exam Registration	<u>PEARSON VUE</u>
Sample Questions	Cisco 010-151 Sample Questions
Practice Exam	Cisco Certified Technician Data Center Practice Test

Cisco 010-151 Exam Syllabus:

Section	Weight	Objectives
General Networking Knowledge	17%	<p>1 Demonstrate a high level understanding of SAN technology</p> <p>2 Describe what an IP address and subnet is. Add default gateway and subnet mask</p> <p>3 Differentiate between these Layer 2 technologies: Ethernet, Fast Ethernet, Gigabit Ethernet</p> <p>4 Describe what FTP does</p> <p>5 Describe what TFTP does</p> <p>6 Describe what Telnet does</p> <p>7 Describe what ping does</p> <p>8 Use the OSI and TCP/IP models and their associated protocols to explain how data flows in a network</p> <p>9 Identify and correct common network problems at Layers 1 and 2</p> <p>10 Identify the cabling and connectors</p>

Section	Weight	Objectives
Identify Cisco Equipment and Related Hardware	25%	<ol style="list-style-type: none"> 1 Describe the Cisco Unified Computing System components and chassis layout 2 Describe the Cisco Unified Computing System LED 3 Describe the UCS C-series rack mount servers components and chassis layout 4 Describe the Cisco Nexus 2000 series fabric extender components 5 Identify Cisco Nexus 2000 series fabric extender cabling types 6 Describe the Cisco Nexus 5000 series switch components 7 Describe the Cisco Nexus 7000 series switch components 8 Describe the Cisco MDS 9000 product family components 9 Identifying the MDS 9000 Family Storage networking modules 10 Identify Cisco products by logo marking and model number (including, but not limited to locations on chassis, line card, module, or adapter) 11 Identify and locate the serial number of Cisco products (including but not limited to locations on chassis, line card, module, or adapter)
Describe Cisco NX-OS Software Operation	25%	<ol style="list-style-type: none"> 1 Describe the Cisco Integrated Management Controller (CIMC) 2 Describe features and functionality of UCS Manager 3 Describe the different command modes for Cisco NX-OS software 4 Determine the current mode of the device 5 Know how to export technical support data 6 Verify the device configuration 7 Know how to use and interpret the basic Cisco NX-OS commands 8 Identify a configuration file from a Cisco device 9 Using the device file systems, directories, and files

Section	Weight	Objectives
		10 Perform password recovery on a Cisco NX-OS switch device
Service-Related Knowledge	33%	1 Make a physical connection from laptop to Cisco console port 2 Perform installation process steps and expected outcomes 3 Perform initial setup tasks 4 Service restoration verification 5 Perform remedial procedures on Cisco devices 6 Use the hardware tools needed for repair 7 Upgrade the BIOS on a UCS Server Blade with the GUI 8 Upgrade Cisco Integrated Management Controller firmware on a UCS Server C-Series

010-151 Sample Questions:

01. How do you find the serial number of a Cisco UCS 5108 Blade Server chassis?

- a) Use the Cisco UCS Admin.
- b) Use the Cisco UCS Application.
- c) Use the Cisco UCS Assistant.
- d) Use the Cisco UCS Manager.

02. Up to what speed can Category 5 UTP cable transmit data?

- a) 10 Mb/s
- b) 100 Mb/s
- c) 1000 Mb/s
- d) 10000 Mb/s

03. Which type of optics module is supported by a 12-port 100 GE Cisco Nexus 7700 F3 Series I/O module?

- a) CPAK
- b) QSFP+
- c) SFP/SFP+
- d) CFP

04. Which Cisco NX-OS command displays kernel uptime?

- a) show module
- b) show version
- c) show license
- d) show boot
- e) show interface

05. Which two states are the port states when RSTP has converged?

(Choose two.)

- a) discarding
- b) listening
- c) learning
- d) forwarding
- e) disabled

06. What is the wire transmission speed for 100GBASE-ER4 Ethernet?

- a) 100 Mb/s
- b) 1 Gb/s
- c) 10 Gb/s
- d) 100 Gb/s

07. Which three statements about FCoE are true?

(Choose three.)

- a) Allows Fibre Channel and Ethernet networks to share a single, integrated infrastructure.
- b) Encapsulates Fibre Channel frames into Ethernet frames, which allows them to run alongside traditional IP traffic.
- c) Increases capital costs due to the difficulty to manage.
- d) Consolidates I/O traffic in the data center.

08. Which two major components does a Cisco Nexus 1000V Series Switch have?

(Choose two.)

- a) Virtual Fiber Channel Module
- b) Virtual Ethernet Module
- c) Virtual Supervisor Module
- d) Virtual Memory Controller Module
- e) Virtual Network Module

09. Which processor option is supported in the Cisco UCS C420 M3 Server?

- a) up to two Intel Xeon E5-4600 series multicore processors
- b) up to two Intel Xeon E7-4800 series multicore processors
- c) up to four Intel Xeon E5-4600 series multicore processors
- d) two or four Intel Xeon E7-8800 series multicore processors

10. Which type of optics module is supported by a 6-port 40 GE Cisco Nexus 7000 M2 Series I/O module?

- a) CPAK
- b) QSFP+
- c) SFP/SFP+
- d) CFP

Answers to 010-151 Exam Questions:

Question: 01 Answer: d	Question: 02 Answer: c	Question: 03 Answer: a	Question: 04 Answer: b	Question: 05 Answer: a, d
Question: 06 Answer: d	Question: 07 Answer: a, b, d	Question: 08 Answer: b, c	Question: 09 Answer: c	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@nwexam.com