

Prepare For Cisco CCST-Networking Exam Offline

www.nwexam.com

PDF

Cisco CCST Networking 100-150 Certification Study Guide

Cisco 100-150 Certification Exam Details

Cisco 100-150 certifications are globally accepted and add significant value to any IT professional. The certification gives you a profound understanding of all the workings of the network models and the devices that are utilized with it. NWExam.com is proud to provide you with the best Cisco Exam Guides.



The [Cisco 100-150](#) Exam is challenging, and thorough preparation is essential for success. This cert guide is designed to help you prepare for the CCST Networking certification exam. It contains a detailed list of the topics covered on the Professional exam. These guidelines for the CCST Networking will help guide you through the study process for your certification.

To obtain Cisco Certified Support Technician (CCST) Networking certification, you are required to pass the [CCST Networking 100-150](#) exam. This exam is created keeping in mind the input of professionals in the industry and reveals how Cisco products are used in organizations across the world.

100-150 CCST Networking Sample Questions

1

What's more, part of that PracticeMaterial CCST-Networking dumps now are free: https://drive.google.com/open?id=1Kb3NR9ozIFs_JFlao06-mKpEHLunreWV

Our CCST-Networking study materials are constantly improving themselves. We keep updating them to be the latest and accurate. And we apply the latest technologies to let them applied to the electronic devices. If you have any good ideas, our CCST-Networking Exam Questions are very happy to accept them. CCST-Networking learning braindumps are looking forward to having more partners to join this family. We will progress together and become better ourselves.

Dear every IT candidates, here, I will recommend PracticeMaterial CCST-Networking exam training material to all of you. If you use Cisco CCST-Networking test bootcamp, you will not need to purchase anything else or attend other training. We promise that you can pass your CCST-Networking Certification at first attempt. The high pass rate has helped lots of IT candidates get their IT certification. In case of failure, we promise to give you full refund. No help, full refund!

>> Exam CCST-Networking Training <<

CCST-Networking Reliable Study Notes | CCST-Networking Reliable Dumps Files

We are so proud to tell you that according to the statistics from the feedback of all of our customers, the pass rate among our customers who prepared for the exam under the guidance of our Cisco Certified Support Technician (CCST) NetworkingExam test torrent has reached as high as 98%to 100%, which definitely marks the highest pass rate in the field. Therefore, the CCST-Networking guide torrent compiled by our company is definitely will be the most sensible choice for you. We can assure you that you can pass the exam as well as getting the related certification in a breeze with the guidance of our Cisco Certified Support

Technician (CCST) NetworkingExam test torrent, now I would like to introduce some details about our CCST-Networking Guide Torrent for you.

Cisco CCST-Networking Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• Diagnosing Problems: In the CCST-Networking exam, Cisco network technicians are tested on their ability to employ troubleshooting methodologies and help desk practices, perform packet captures with Wireshark, run and interpret diagnostic commands. It also tests their skills to differentiate data collection methods for network devices, and execute basic show commands on Cisco devices.
Topic 2	<ul style="list-style-type: none">• Addressing and Subnet Formats: For aspiring Cisco network technicians, the CCST Networking exam evaluates the ability to compare private and public IP addresses, identify IPv4 addresses and subnet formats, and recognize IPv6 addresses and prefix formats. This ensures they can manage and configure network addressing effectively.
Topic 3	<ul style="list-style-type: none">• Infrastructure: The Cisco Certified Support Technician (CCST) Networking exam measures network technicians' skills in identifying Cisco device status lights, using network diagrams to attach cables, recognizing various network ports. It also focuses on explaining basic routing concepts and understanding basic switching concepts.

Cisco Certified Support Technician (CCST) NetworkingExam Sample Questions (Q18-Q23):

NEW QUESTION # 18

You need to connect a computer's network adapter to a switch using a 1000BASE-T cable. Which connector should you use?

- A. RJ-45
- B. RJ-11
- C. OS2 LC
- D. Coax

Answer: A

Explanation:

*1000BASE-T Cable: This refers to Gigabit Ethernet over twisted-pair cables (Cat 5e or higher).

*Connector: RJ-45 connectors are used for Ethernet cables, including those used for 1000BASE-T.

*Coax: Used for cable TV and older Ethernet standards like 10BASE2.

*RJ-11: Used for telephone connections.

*OS2 LC: Used for fiber optic connections.

References:

*Ethernet Standards and Cables: Ethernet Cable Guide

NEW QUESTION # 19

What is the purpose of assigning an IP address to the management VLAN interface on a Layer 2 switch?

- A. To enable access to the CLI on the switch through Telnet or SSH
- B. To enable the switch to resolve URLs for the attached the devices
- C. To enable the switch to act as a default gateway for the attached devices
- D. To enable the switch to provide DHCP services to other switches in the network

Answer: A

Explanation:

The primary purpose of assigning an IP address to the management VLAN interface on a Layer 2 switch is to facilitate remote management of the switch. By configuring an IP address on the management VLAN, network administrators can access the switch's

Command Line Interface (CLI) remotely using protocols such as Telnet or Secure Shell (SSH). This allows for convenient configuration changes, monitoring, and troubleshooting without needing physical access to the switch.

References :-

- *Understanding the Management VLAN

- *Cisco - VLAN Configuration Guide

- *Remote Management of Switches

Assigning an IP address to the management VLAN interface (often the VLAN 1 interface by default) on a Layer 2 switch allows network administrators to remotely manage the switch using protocols such as Telnet or SSH. This IP address does not affect the switch's ability to route traffic between VLANs but provides a means to access and configure the switch through its Command Line Interface (CLI).

- *A: The switch does not act as a default gateway; this is typically a function of a Layer 3 device like a router.

- *B: The switch does not resolve URLs; this is typically a function of DNS servers.

- *C: The switch can relay DHCP requests but does not typically provide DHCP services itself; this is usually done by a dedicated DHCP server or router.

Thus, the correct answer is D. To enable access to the CLI on the switch through Telnet or SSH.

References :-

- *Cisco VLAN Management Overview

- *Cisco Catalyst Switch Management

NEW QUESTION # 20

You want to list the IPv4 addresses associated with the host name `www.companypro.net`.

Complete the command by selecting the correct option from each drop-down list.



Answer:

Explanation:



Explanation:

To list the IPv4 addresses associated with the host name `www.companypro.net`, you should use the following command:

```
nslookup www.companypro.net
```

This command will query the DNS servers to find the IP address associated with the hostname provided. If you want to ensure that it returns the IPv4 address, you can specify the `-type=A` option, which stands for Address records that hold IPv4 addresses.

However, the `nslookup` command by default should return the IPv4 address if available.

To list the IPv4 addresses associated with the host name `www.companypro.net`, you should use the `nslookup` command.

- * Command: `nslookup`

- * Target: `www.companypro.net`

So, the completed command is:

- * `nslookup www.companypro.net`

- * `nslookup`: This command is used to query the Domain Name System (DNS) to obtain domain name or IP address mapping or for

any other specific DNS record.

* www.companypro.net: This is the domain name you want to query to obtain its associated IP addresses.

References:

* Using nslookup: nslookup Command Guide

NEW QUESTION # 21

Move each cloud computing service model from the list on the left to the correct example on the right Note: You will receive partial credit for each correct answer.

Cloud Computing Service Models

IaaS

PaaS

SaaS

Examples

Three virtual machines are connected by a virtual network in the cloud.

Model

Users access a web-based graphics design application in the cloud for a monthly fee.

Model

A company develops applications using cloud-based resources and tools.

Model

Answer:

Explanation:

Cloud Computing Service Models

IaaS

PaaS

SaaS

Examples

Three virtual machines are connected by a virtual network in the cloud.

IaaS

Users access a web-based graphics design application in the cloud for a monthly fee.

SaaS

A company develops applications using cloud-based resources and tools.

PaaS

Explanation:

* Three virtual machines are connected by a virtual network in the cloud.

* Model: IaaS (Infrastructure as a Service)

* Explanation: IaaS provides virtualized computing resources over the internet, including virtual machines, storage, and networks.

* Users access a web-based graphics design application in the cloud for a monthly fee.

* Model: SaaS (Software as a Service)

* Explanation: SaaS delivers software applications over the internet, typically on a subscription basis, accessible via a web browser.

* A company develops applications using cloud-based resources and tools.

* Model: PaaS (Platform as a Service)

* Explanation: PaaS provides a platform allowing customers to develop, run, and manage applications without dealing with the infrastructure.

* IaaS (Infrastructure as a Service): Provides virtualized hardware resources that customers can use to build their own computing environments.

* PaaS (Platform as a Service): Offers a platform with tools and services to develop, test, and deploy applications.

* SaaS (Software as a Service): Delivers fully functional applications over the internet that users can access and use without managing the underlying infrastructure.

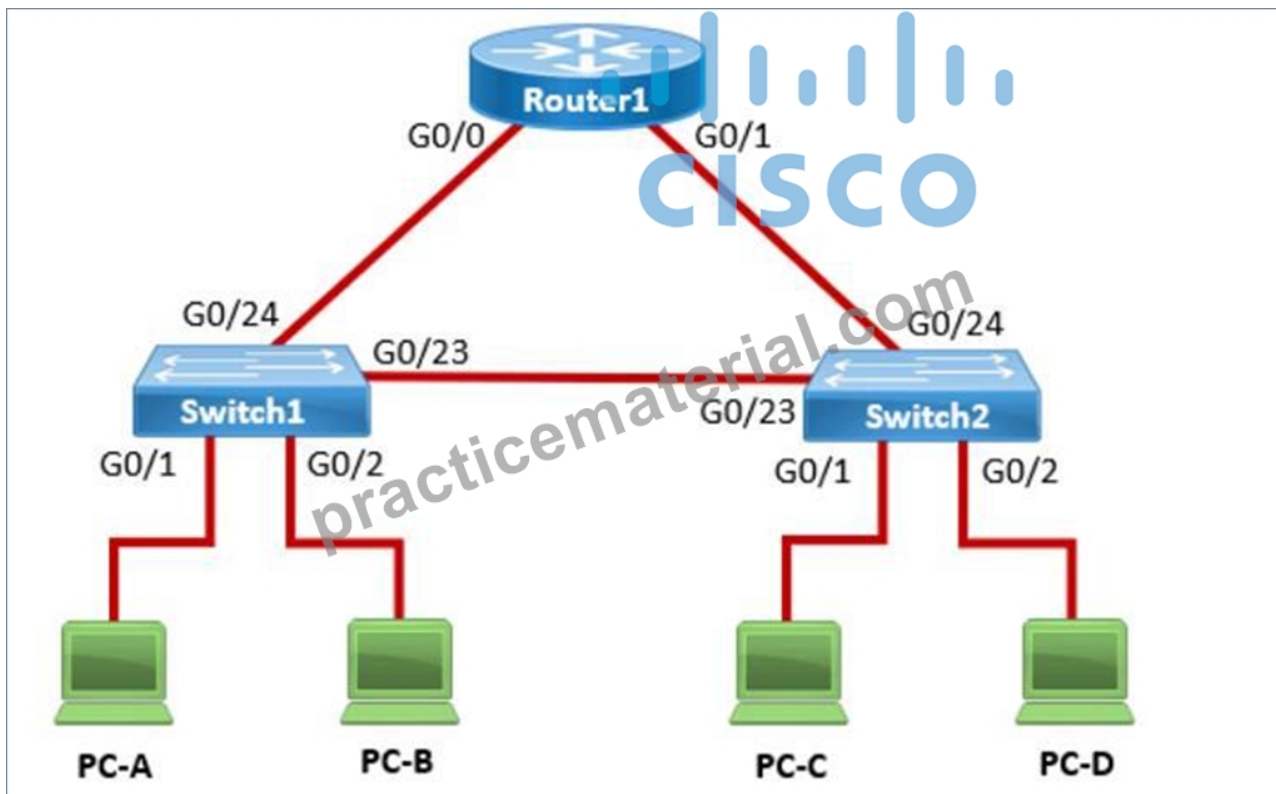
References:

* Cloud Service Models: Understanding IaaS, PaaS, SaaS

* NIST Definition of Cloud Computing: NIST Cloud Computing

NEW QUESTION # 22

In the network shown in the following graphic, Switch1 is a Layer 2 switch.



PC-A sends a frame to PC-C. Switch1 does not have a mapping entry for the MAC address of PC-C. Which action does Switch1 take?

- A. Switch1 drops the frame and sends an error message back to PC-A.
- B. Switch1 queries Switch2 for the MAC address of PC-C.
- **C. Switch1 floods the frame out all active ports except port G0/1.**
- D. Switch1 sends an ARP request to obtain the MAC address of PC-C.

Answer: C

Explanation:

Understanding How Layer 2 Switches Handle Unknown MAC Addresses

Switches operate at Layer 2 (Data Link Layer) of the OSI model and maintain a MAC address table (CAM table) to forward frames efficiently.

* When a switch receives a frame, it checks its MAC address table to see if it knows the destination MAC address.

* If the destination MAC address is not in the table (meaning the switch does not know which port leads to PC-C), the switch follows the flooding behavior.

What Happens When Switch1 Receives a Frame from PC-A to PC-C?

* Switch1 checks its MAC table:

* The source MAC (PC-A) is recorded in the table on port G0/1.

* The destination MAC (PC-C) is not in the table.

* Switch1 does not know where PC-C is:

* It floods the frame out of all active ports except the port it was received on (G0/1).

* This means the frame is sent to:

* Switch2 (via G0/23)

* PC-B (via G0/2)

* Switch2 receives the frame and follows the same process:

* If Switch2 has PC-C's MAC in its table, it forwards the frame appropriately.

* If not, it floods the frame again until PC-C replies.

* Once PC-C responds, Switch1 and Switch2 learn its MAC address and update their tables.

Why Other Options Are Incorrect:

#A. Switch1 queries Switch2 for the MAC address of PC-C.

* Incorrect: Switches do not query other switches directly for MAC addresses. Instead, they rely on learning MAC addresses dynamically through frame forwarding.

#B. Switch1 drops the frame and sends an error message back to PC-A.

* Incorrect: Switches do not drop frames for unknown MAC addresses. Instead, they flood the frames out all ports except the incoming port.

#D. Switch1 sends an ARP request to obtain the MAC address of PC-C.

* Incorrect:

* ARP (Address Resolution Protocol) is only used to resolve IP addresses to MAC addresses.

* Since PC-A is sending a frame (Layer 2), not an IP packet (Layer 3), ARP is not involved here.

Conclusion

Since Switch1 does not know the destination MAC address, it floods the frame out all active ports except the port it was received on.

This is the default behavior of Layer 2 switches when they encounter an unknown MAC address.

Thus, the correct answer is #C. Switch1 floods the frame out all active ports except port G0/1.

References

* Cisco CCNA 200-301 Official Guide - MAC Address Table & Frame Forwarding

* RFC 894 - Standard for Ethernet Frame Forwarding

* Cisco Networking Essentials - Switch Flooding Behavior

NEW QUESTION # 23

.....

The most advantage of our CCST-Networking exam torrent is to help you save time. It is known to us that time is very important for you. As the saying goes, an inch of time is an inch of gold; time is money. If time be of all things the most precious, wasting of time must be the greatest prodigality. We believe that you will not want to waste your time, and you must want to pass your CCST-Networking Exam in a short time, so it is necessary for you to choose our Cisco Certified Support Technician (CCST) Networking Exam prep torrent as your study tool. If you use our products, you will just need to spend 20-30 hours to take your exam.

CCST-Networking Reliable Study Notes: <https://www.practicematerial.com/CCST-Networking-exam-materials.html>

- Latest CCST-Networking Material □ Latest CCST-Networking Dumps □ CCST-Networking Valid Exam Papers □ Search for ▷ CCST-Networking ◁ on (www.torrentvalid.com) immediately to obtain a free download □ CCST-Networking Test Pattern
- Is It Important To Get Cisco CCST-Networking Exam Material For The Exam? □ Open website (www.pdfvce.com) and search for ▷ CCST-Networking □ for free download □ CCST-Networking Training Kit
- Reliable CCST-Networking Exam Registration □ Reliable CCST-Networking Exam Registration □ CCST-Networking Training Kit □ Copy URL □ www.examsreviews.com □ open and search for (CCST-Networking) to download for free □ CCST-Networking Test Pattern
- CCST-Networking Test Pattern □ CCST-Networking Exam Vce Free □ CCST-Networking Latest Exam Dumps □ Search for ▷ CCST-Networking □ and obtain a free download on □ www.pdfvce.com □ ☀ Exam CCST-Networking Questions
- Quiz 2025 CCST-Networking: Cisco Certified Support Technician (CCST) Networking Exam Fantastic Exam Training □ Go to website ✓ www.testsimulate.com □ ✓ □ open and search for “ CCST-Networking ” to download for free □ □ CCST-Networking Dumps PDF
- Exam CCST-Networking Training - Cisco CCST-Networking Reliable Study Notes: Cisco Certified Support Technician (CCST) Networking Exam Pass for Sure □ Search for 《 CCST-Networking 》 and download it for free immediately on □ www.pdfvce.com □ □ CCST-Networking New Braindumps
- Cisco CCST-Networking Exam Dumps - Pass Exam With Best Scores [2025] □ Open website □ www.examcollectionpass.com □ and search for 《 CCST-Networking 》 for free download □ CCST-Networking Reliable Exam Simulator
- CCST-Networking Reliable Exam Simulator □ CCST-Networking New Braindumps □ Reliable CCST-Networking Exam Registration □ Immediately open ▶ www.pdfvce.com ◀ and search for 【 CCST-Networking 】 to obtain a free download ◀ CCST-Networking Valid Exam Papers
- CCST-Networking Exam Vce Free □ CCST-Networking Reliable Test Answers □ Latest CCST-Networking Dumps □ Search for □ CCST-Networking □ and download it for free on ➡ www.examdiscuss.com □ □ □ website □ New CCST-Networking Test Bootcamp
- Cisco CCST-Networking Exam Dumps - Pass Exam With Best Scores [2025] ♥ Search for “ CCST-Networking ” and download it for free immediately on ▶ www.pdfvce.com □ □ CCST-Networking Exam Book
- 2025 High Hit-Rate CCST-Networking – 100% Free Exam Training | Cisco Certified Support Technician (CCST) Networking Exam Reliable Study Notes □ Go to website 《 www.torrentvce.com 》 open and search for ☀ CCST-Networking □ ☀ □ to download for free i CCST-Networking Latest Exam Dumps
- course.parasjaindev.com, www.stes.tyc.edu.tw, www.stes.tyc.edu.tw, oderasbm.com, smarted.org.in, www.stes.tyc.edu.tw, ngmetamorphosis.com, jmtunlockteam.net, www.stes.tyc.edu.tw, ceta-ac.com, Disposable vapes

P.S. Free & New CCST-Networking dumps are available on Google Drive shared by PracticeMaterial:

https://drive.google.com/open?id=1Kb3NR9ozIFs_JFlao06-mKpEHlunreWV