

# Features of 100-160 Practice Material

Name: \_\_\_\_\_

## Math 160 Practice Exam Chapter 5 Spring 2010

1. (4) If the mean and the standard deviation of a continuous random variable that is normally distributed are 20 and 5 respectively, find an interval that contains 68% of the distribution.
  
3. (4) If  $Z$  is a standard normal random variable, find the probability that  $Z$  lies between  $-2.41$  and  $1.98$ .
  
4. (4) Find the critical value ( $z$ -score) corresponding to the 34<sup>th</sup> Percentile.
  
5. (6) If  $X$  is a random normal variable with mean 15.2 and standard deviation 0.9, find the probability that  $X$  is between 16.1 and 17.5.
  
6. Assume that the salaries of elementary school teachers in the United States are normally distributed with a mean of \$31,000 and a standard deviation of \$3,000. If 100 teachers are randomly selected, find the probability that their mean salary is less than \$31,500.

DOWNLOAD the newest ValidTorrent 100-160 PDF dumps from Cloud Storage for free: [https://drive.google.com/open?id=1j4mioYHxZ\\_Ag2IXDoOCkvpN7Mjsdb4sb](https://drive.google.com/open?id=1j4mioYHxZ_Ag2IXDoOCkvpN7Mjsdb4sb)

It's crucial to have reliable Cisco 100-160 exam questions and practice test to prepare for the 100-160 Exam. ValidTorrent offers real Cisco 100-160 exam questions with accurate answers in our 100-160 practice exam format. Our 100-160 Practice Questions and answers resemble the actual Cisco 100-160 questions, and they have been verified by experts to ensure your success in the Cisco Certified Support Technician (CCST) Cybersecurity Exam with ease.

Our Cisco Certified Support Technician (CCST) Cybersecurity study question is compiled and verified by the first-rate experts in the industry domestically and they are linked closely with the real exam. Our products' contents cover the entire syllabus of the exam and refer to the past years' exam papers. Our test bank provides all the questions which may appear in the real exam and all the important information about the exam. You can use the practice test software to test whether you have mastered the Cisco Certified Support Technician (CCST) Cybersecurity test practice dump and the function of stimulating the exam to be familiar with the real exam's pace, atmosphere and environment. So our 100-160 Exam Questions are real-exam-based and convenient for the clients to prepare for the exam.

>> **Free 100-160 Sample** <<

## **Pass Guaranteed Quiz 2026 Cisco Professional 100-160: Free Cisco Certified Support Technician (CCST) Cybersecurity Sample**

In today's fast-paced world, having access to Cisco Certified Support Technician (CCST) Cybersecurity (100-160) study material on the go is important. ValidTorrent Cisco Certified Support Technician (CCST) Cybersecurity (100-160) PDF questions are compatible with all smart devices, allowing you to study and prepare for the 100-160 Exam whenever and wherever you choose.

Since you can access real Cisco 100-160 dumps in PDF from your smartphone or tablet, you can easily fit 100-160 exam preparation into your busy schedule.

## Cisco 100-160 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>• Basic Network Security Concepts: This section of the exam measures the skills of a Network Defender and focuses on understanding network-level protections, including firewalls, VPNs, and intrusion detection prevention systems, providing insight into how threats are mitigated within network environments.</li></ul>
Topic 2	<ul style="list-style-type: none"><li>• Essential Security Principles: This section of the exam measures the skills of a Cybersecurity Technician and covers foundational cybersecurity concepts such as the CIA triad (confidentiality, integrity, availability), along with basic threat types and vulnerabilities, laying the conceptual groundwork for understanding how to protect information systems.</li></ul>
Topic 3	<ul style="list-style-type: none"><li>• Incident Handling: This section of the exam measures the skills of an Incident Responder and centers on recognizing security incidents, responding appropriately, and containing threats—forming the essential foundation of incident response procedures.</li></ul>
Topic 4	<ul style="list-style-type: none"><li>• Endpoint Security Concepts: This section of the exam measures the skills of an Endpoint Security Specialist and includes securing individual devices, understanding protections such as antivirus, patching, and access control at the endpoint level, essential for maintaining device integrity.</li></ul>
Topic 5	<ul style="list-style-type: none"><li>• Vulnerability Assessment and Risk Management: This section of the exam measures the skills of a Risk Management Analyst and entails identifying and assessing vulnerabilities, understanding risk priorities, and applying mitigation strategies that help manage threats proactively within an organization's systems</li></ul>

## Cisco Certified Support Technician (CCST) Cybersecurity Sample Questions (Q296-Q301):

### NEW QUESTION # 296

Which technology allows on-demand access to shared pools of configurable computing resources over a network?

- A. Virtualization
- B. Cloud
- C. DMZ
- D. Proxy

**Answer: B**

Explanation:

Cloud computing refers to the delivery of on-demand computing resources, including servers, storage, databases, networking, software, and analytics, over the internet. It provides organizations with the ability to access and use shared pools of configurable computing resources quickly and easily, without the need for extensive upfront infrastructure investments. Cloud computing offers scalability, cost-efficiency, and flexibility, making it an essential component of modern IT environments.

### NEW QUESTION # 297

Which of the following best defines vulnerability management?

- A. An approach to monitor and analyze network traffic for security threats.
- B. A technique used to encrypt data while in transit over a network.
- C. A method to detect and respond to unauthorized access attempts on a system.
- D. A process of identifying, classifying, and mitigating vulnerabilities in a system or network.

**Answer: D**

Explanation:

Vulnerability management is the practice of systematically identifying, categorizing, and addressing vulnerabilities in a system or network. It involves activities such as vulnerability scanning, vulnerability assessment, and vulnerability remediation. The goal of vulnerability management is to minimize the risk of potential exploits by proactively identifying and addressing security weaknesses.

#### NEW QUESTION # 298

Which protocol is used to assign IP addresses to devices on a network?

- A. ICMP
- **B. DHCP**
- C. UDP
- D. TCP

**Answer: B**

Explanation:

DHCP (Dynamic Host Configuration Protocol) is used to assign IP addresses dynamically to devices on a network. Instead of manually configuring IP addresses on each device, DHCP allows for automated IP address allocation, making network administration more efficient.

#### NEW QUESTION # 299

How can vulnerabilities be discovered in a network or system?

- A. By monitoring network traffic.
- B. By implementing strong cryptographic protocols.
- C. By using firewalls and antivirus software.
- **D. By conducting penetration testing.**

**Answer: D**

Explanation:

Penetration testing, also known as ethical hacking, is a method used to discover vulnerabilities in a network or system. It involves simulating an attack on the system to identify weaknesses and potential entry points for attackers. Penetration testing can help organizations uncover vulnerabilities before they can be exploited by malicious actors.

#### NEW QUESTION # 300

What is the primary purpose of running a vulnerability scan on your network?

- A. To identify and document the locations of customer and financial databases
- B. To automatically prioritize security weaknesses for immediate remediation
- **C. To determine whether systems are subject to CVEs that could be exploited by adversaries**
- D. To correlate event logs on multiple servers in order to generate intrusion alerts

**Answer: C**

Explanation:

The CCST Cybersecurity Study Guide states that vulnerability scanning is an automated process used to identify known security weaknesses in systems, software, and network devices. These scans compare system configurations and software versions against databases of known vulnerabilities, such as the Common Vulnerabilities and Exposures (CVE) list.

"A vulnerability scan is an automated test that checks systems and networks for known weaknesses by matching them against a database of vulnerabilities such as CVEs. This allows administrators to identify exploitable conditions before they are leveraged by attackers." (CCST Cybersecurity, Vulnerability Assessment and Risk Management, Vulnerability Scanning section, Cisco Networking Academy) A is asset discovery, not vulnerability scanning.

B may be part of remediation planning but is not the primary purpose.

C is correct: Scans detect if systems have vulnerabilities associated with CVEs.

D describes SIEM (Security Information and Event Management) log correlation, not vulnerability scanning.

