

Semester 1

Cisco I

Introduction to Networks

JEOPARDY

Chapter 11



Network
Design

Safety

Performance

Commands

ISR

Potpourri

▶▶▶ Final Jeopardy ◀◀◀

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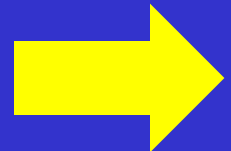
500

Network Design 100

This protocol is used to stream media effectively.

Question

A: What is RTP (Real-Time Transport Protocol)?

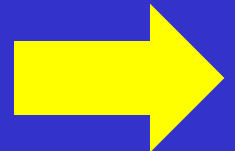


Network Design 200

Traffic patterns can be analyzed with this based on the source and destination of the traffic.

Question

A: What is a protocol analyzer ?

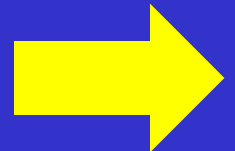


Network Design 300

These two things should be done when determining traffic flow patterns.

Question

A: What is capture traffic at peak times and on different network segments

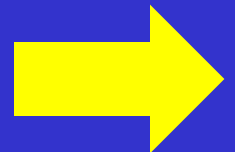


Network Design 400

This is an important consideration factor
in a large network design

Question

A: What is redundancy ?



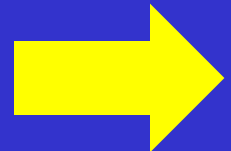
Network Design

500

This priority queue is used in a converged network for real time traffic such as VoIP.

Question

A: What is High Priority ?



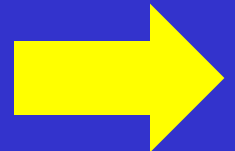
Safety

100

This attack attempts to prevent a service from performing its intended task.

Question

A: What is DoS (Denial of Service) ?

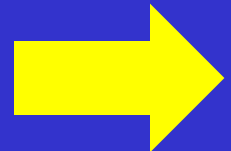


Safety 200

This remote access requires one way
secret keys used to encrypt
communication

Question

A: What is SSH (Secure Shell) ?



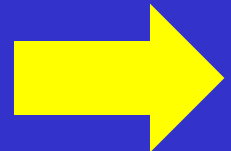
Safety

300

This password policy helps reduce the window of opportunity if a password has been compromised.

Question

A: What is change passwords frequently ?

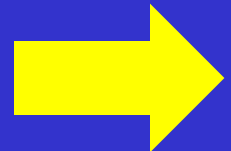


Safety 400

This command is used on a Cisco device to help prevent Brute-force attacks by limiting the number of attempts

Question

A: What is **login block-for *seconds* attempts *tries* within *seconds* ?**



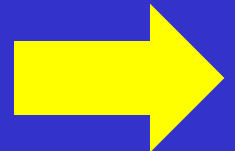
Safety

500

This should be done after Containment
of a worm attack

Question

A: What is Inoculation ?

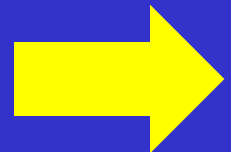


Performance 100

This symbol represents a successful ping
in the Cisco IOS

Question

A: What is ! (explanation mark) ?

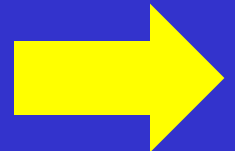


Performance 200

This should be created with the same test at different times over a period of time and documented

Question

A: What is a baseline ?



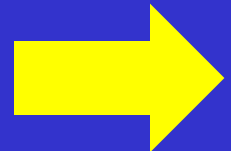
Performance

300

This command will show memory amounts, IOS images, and hexadecimal configuration register settings on switches and routers

Question

A: What is **show version** ?



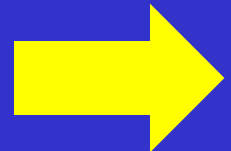
Performance

400

This command can be used to find bottlenecks and find the routed hops a packet takes through a network.

Question

A: What is **tracert** (IOS/Unix) or **tracert** (Windows) ?



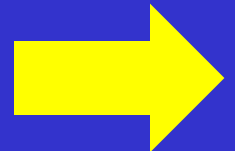
Performance

500

This command is helpful in determining a picture of the network and does not require a network address to function

Question

A: What is **show cdp neighbors** ?



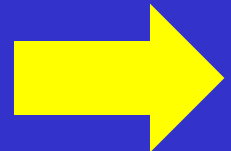
Commands

100

This command displays the size and available space of directories in the memory

Question

A: What is **show file system** ?

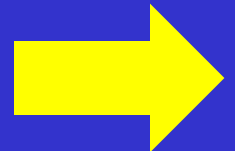


Commands 200

This IOS or UNIX command displays the contents of a directory

Question

A: What is **dir** ?



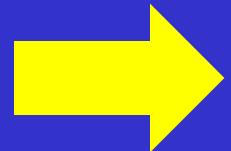
Commands

300

This command will disable the layer two proprietary protocol that identifies Cisco devices for every interface on a device.

Question

A: What is `no cdp run` ?



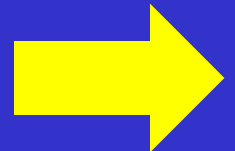
Commands

400

This command will save a configuration in RAM to a remote server.

Question

A: What is **copy run tftp** ?



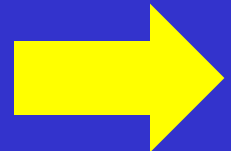
Commands

500

This command will verify what directory is currently the working directory.

Question

A: What is **pwd** ?

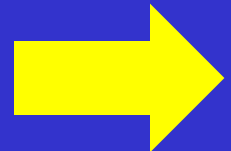


ISR 100

This 32 alpha-numeric, case sensitive WLAN identifier must be the same for all wireless device on the AP and is known as this.

Question

A: What is the SSID (Service Set Identifier) ?

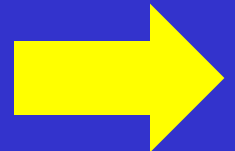


ISR 200

This WLAN security encryption generates a dynamic key on each connection

Question

A: What is WPA ?

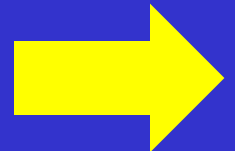


ISR 300

This feature of ISR's allow mobility and flexibility as well as access to wired LAN devices

Question

A: What is a wireless access point ?

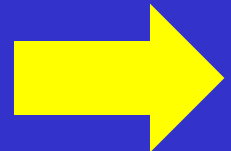


ISR 400

A WLAN with 802.11b, 802.11n and 802.11g devices will operate at this speed.

Question

A: What is 802.11b or 11Mbps ?

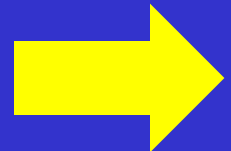


ISR 500

These three measures should be taken to secure a WLAN

Question

A: What is change the default values, disable broadcasts, and use encryption ?

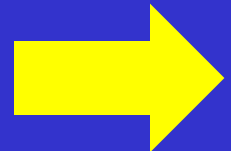


Potpourri 100

Hardware, Environmental, Electrical,
and Maintenance are examples of this

Question

A: What are Physical Threats ?

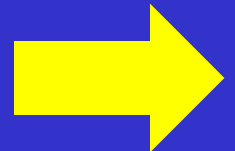


Potpourri 200

This should be done to saved text config files before they are reloaded

Question

A: What is edit the file?

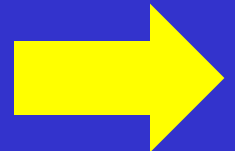


Potpourri 300

This service is less expensive but not the same quality as an integrated IP Telephony solution

Question

A: What is VoIP (Voice over IP) ?

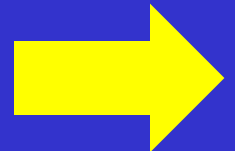


Potpourri 400

This firewall feature makes internal LAN addresses hidden from outside users

Question

A: What is NAT (Network Address Translation) ?

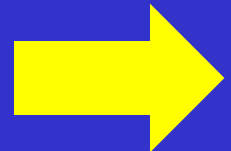


Potpourri 500

This security service requires proof of who you are, what you are allowed to do and keeps track of what you do

Question

A: What is AAA (Authentication, Authorization, and Accounting ?



Final Jeopardy

These are the four categories of threats to networks

Question

A: What is Information Theft, Identity theft, Data Manipulation or Destruction, and DoS ?

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