

Study Guide

Course: A+ (220-1001) Series (Course will retire July 31, 2023)
Test: A+ (220-1001) Domain 2: Networking Post-Assessment
Completed Date: 07/15/2022

OnlineExpert™

This Adaptive Study Guide represents all questions that were answered incorrectly. The test question title, steps (if applicable) and references have been included to assist you in your study.

1 AFP

On which two ports does AFP run?

Choices:

389

427

445

548

References

Ports, Protocols, and Their Purposes

427 - SLP, 548 - AFP, 67-68 DHCP

2 SNMP Parts

Which part of SNMP is an alert message sent from a device to an SNMP manager?

Choices:

GET

REQUEST

TRAP

SET

References

Ports, Protocols, and Their Purposes 389 - LDAP and 161/162 - SNMP

3 Hub Similarities

Which device is similar to a hub but can isolate groups of devices on a network?

Choices:

Firewall

Bridge

Router

Switch

References

Networking Hardware Devices Bridge and Patch Panel

4 Using Security Cameras

Which device should be used to give power to a computer when there is no wall outlet nearby.

Choices:

References

Networking Hardware Devices Ethernet and Power

5 Wireless Network Connections

What is usually required for a wireless network connection besides the network ID?

Choices:

References

SOHO Networks Wireless and End-User Configuration

6 Network Zones

In which network zone should a web server be placed?

Choices:

References

SOHO Networks DMZ

7 Types of NAT

Which version of NAT assigns a specific public address to a private address?

Choices:

References

SOHO Networks NAT

8 802.11a

What is the top speed on an 802.11a network?

Choices:

300 Mbps

54 Mbps

1 Gbps

11 Mbps

References

Wireless Networking Protocols Frequencies

9 Slow Wireless Speeds

Which wireless standard has the slowest speed?

Choices:

802.11a

802.11b

802.11n

802.11g

References

Wireless Networking Protocols Frequencies

10 802.11 Links

Which frequency will 802.11n work on if on a single-link network?

Choices:

2.8 GHz

5 GHz

2.4 GHz

3 GHz

References

Wireless Networking Protocols Frequencies

11 3G Speeds

What is the top speed of 3G?

Choices:

1 Mbps

4 Mbps

2 Mbps

10 Mbps

References

Wireless Networking Protocols 3G, 4G, 5G, and LTE

12 4G Speeds

What is the top speed of 4G?

Choices:

4 Mbps

10 Mbps

50 Mbps

100 Mbps

References

Wireless Networking Protocols 3G, 4G, 5G, and LTE

13 Multiuse Appliances

Which type of appliance can host several functions, such as antimalware, firewall, content filter, and proxy server?

Choices:

IDS

IPS

Endpoint Management Server

UTM

References

Server Types UTM, IDS, and IPS

14 DNS Troubleshooting

A user is claiming a host can be reached via the IP address but not through the name. What should a technician do first to resolve the problem?

Choices:

Restart the DNS service

Add an entry to the HOSTS file

Restart the DNS server

Restart the client device

References

IP Addressing DNS

15 IPv6 Addresses

IPv6 addresses consist of _____ bits.

Choices:

16

64

128

32

References

IP Addressing IP Addresses and Subnet Masks

16 NAT

Why is NAT necessary for traffic from private IP addresses?

Choices:

Private IP addresses need a proxy to communicate with other networks

To save on the number of private IP addresses used in a network

Private IP addresses are non-routable

To save on the number of public IP addresses used in a network

References

IP Addressing VPN, VLAN, NAT

17 DSL Types

Which type of DSL has higher download speeds than upload speeds?

Choices:

SDSL

ADSL

VDSL

HDSL

References

IP Addressing Cable, DSL, Dial-Up, and Fiber

18 Cell Towers

A network using multiple cell towers falls under which type of network?

Choices:

CAN

MAN

WMN

WAN

References

IP Addressing Network Types

19 Rewiring Cables

A technician discovers an Ethernet cable needs to be rewired. The RJ-45 connector has been pulled off. What is the next step in rewiring the cable?

Choices:

Retwist the wires

Reseal the connector

Strip down the cable with a cable
stripper

Cut the wires to even them out

References

IP Addressing Crimper, Cable Stripper, Multimeter