



**Exam Code:** 3M0-600

**Exam Name:** 3Com Wireless Specialist Final Exam v1.0

**Vendor:** 3COM

**Version:** DEMO

## Part: A

1: What does the IEEE 802.11d standard specify?

A. Defines Inter Access Point Protocol (IAPP)

B. Defines MAC-based Quality of Service (QoS) mechanism

C. Defines encryption using the Advanced Encryption Standard (AES)

D. Defines the ability to fine tune Wireless LAN configuration at the Physical (PHY) Layer to comply with country-specific rules

**Correct Answers: D**

2: Click the Task button.

Match each IEEE 802.11 standard with its description.

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place here	- Up to 11 Mbps - 100 meter (328 feet) range - 2.4 GHz band	
place here	- Up to 54 Mbps - 50 meter (164 feet) range - 5 GHz band	
place here	- Up to 54 Mbps - 100 meter (328 feet) range - 2.4 GHz band	
IEEE 802.11a	IEEE 802.11b	IEEE 802.11g

**Correct Answers:**

Match each IEEE 802.11 standard with its description.

IEEE 802.11b	- Up to 11 Mbps - 100 meter (328 feet) range - 2.4 GHz band
IEEE 802.11a	- Up to 54 Mbps - 50 meter (164 feet) range - 5 GHz band
IEEE 802.11g	- Up to 54 Mbps - 100 meter (328 feet) range - 2.4 GHz band

IEEE 802.11a      IEEE 802.11b      IEEE 802.11g

3: Wireless LAN (WLAN) IEEE 802.11a Turbo Mode bonds two channels together for up to 108 Mbps data rates.

- A.True
- B.False

**Correct Answers: A**

4: Which two are features of a Wireless LAN (WLAN) Infrastructure Basic Service Set? (Choose two.)

- A.Also known as an Ad Hoc or Peer-to-Peer WLAN
- B.Members communicate directly with each other within the service area
- C.Created when two or more Basic Service Sets are connected together
- D.Only stations exist in the service area and no access point (AP) is used
- E.Management and control of the service area is performed by the access point (AP)

**Correct Answers: B E**

6: Which antenna type is typically used indoors to provide large coverage areas within a building?

- A.Dipole antenna
- B.Omnipole antenna
- C.Yagi or semi-directional antenna
- D.Patch panel or parabolic antenna

**Correct Answers: B**

7: Which statement is true for Wireless LAN (WLAN) data and throughput rates?

- A.Data rates drop as the distance to the access point (AP) increases
- B.Data rates drop as the distance to the access point (AP) decreases
- C.Actual data throughput on a WLAN is about 25% of the defined throughput rate

D.Data rates on an IEEE 802.11a/g WLAN are not affected by distance from the access point (AP)

**Correct Answers: A**

8: Which three are features of 3Com Dynamic Security Link? (Choose three.)

A.Per user, per session dynamic key encryption

B.40-, 128- and 168-bit shared key encryption support

C.Internal database supporting up to 1,000 user names and passwords

D.Local and remote access point (AP) authentication and encryption support

E.Superior wireless security for networks without a centralized authentication server

**Correct Answers: A C E**

9: Many access points (APs) are set up with a default configuration, known as "open system" or "open system authentication," so any station can associate and connect.

A.True

B.False

**Correct Answers: A**

11: What is the optimal access point (AP) channel allocation configuration on a Wireless LAN (WLAN)?

A.APs should be configured with overlapping channels

B.APs should be configured with different non-overlapping channels

C.It makes no difference if APs use overlapping or non-overlapping channels

D.Allow APs to automatically perform the hunting process to determine the best channels

**Correct Answers: B**

12: What was a limitation of first-generation Wireless LAN (WLAN) products?

A.Were designed to be managed individually

B.Did not support roaming for mobile computers

C.Did not provide authentication or encryption services

D.Were not designed to support large number of users

**Correct Answers: A**

14: Which three are features supported on the OfficeConnect ADSL Wireless 11g Firewall Router and the 3Com OfficeConnect Wireless 11g Cable/DSL Router? (Choose three.)

A.VPN termination

B.Stateful packet inspection

C.Power over Ethernet (PoE)

D.Four 10/100 Ethernet LAN ports

E.256-bit Wi-Fi Protected Access (WPA) encryption

F.40/64-bit and 128-bit Wired Equivalent Privacy (WEP) encryption

**Correct Answers: D E F**

15: The 3Com 11a/b/g Wireless LAN Workgroup Bridge enables a laptop, PC or printer without built-in wireless capability to connect to a wireless LAN.

A.True

B.False

**Correct Answers: A**

16: Click the Exhibit button at the bottom of the screen.

Choose the two features supported by the 3Com Wireless LAN Managed Access Point (MAP) 2750. (Choose two.)

A.Fit access point

B.IEEE 802.1X Network Login and IPSec

C.Dual-mode radio allows operation for both IEEE 802.11b/g and IEEE 802.11a

D.Dual-mode radio allows operation for either IEEE 802.11b/g or IEEE 802.11a

**Correct Answers: A D**

17: Which describes the 3Com Receiver Signal Strength Indicator (RSSI) access point (AP) implementation?

A.AP displays its own signal strength as a value from 0 to 255

B.AP displays neighbor AP's signal strength as a percentage value

C.AP displays its own signal strength and quality as a percentage value

D.AP displays neighbor AP's signal strength and quality as a value from 0 to 255

**Correct Answers: B**

18: Which two are reasons a company may choose to use a building-to-building wireless bridge versus a T1/E1 or fiber link? (Choose two.)

A.Reliability of the connection

B.Time to deploy and set up the connection

C.The distances between the two buildings

D.The initial installation costs and/or recurring monthly charges

**Correct Answers: B D**

19: Which wireless building-to-building bridge distance-related parameter must be set to ensure each wireless bridge waits the appropriate period for a response from other wireless bridges?

A.Basic Rate Set

B.Broadcast Service Set Identifier (SSID)

C.Acknowledgement Delay Timeout (ACK)

D.Request to Send/Clear to Send (RTS/CTS)

**Correct Answers: C**

20: To configure encryption on an access point (AP) that is part of a Wireless Distribution System (WDS), you must configure each AP separately, using a wired-Ethernet connected computer.

A.True

B.False

**Correct Answers: A**