CCNA Practice Questions Exam Cram 2

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Third Printing Corrections

Pg	Error	Correction
1	Question 2	Replace with: 2. When you start a Catalyst 2950 switch for the first time, where does it receive its initial configuration? A. The switch downloads a configuration from a TFTP server. B. The switch begins to perform basic functionality and enters a setup menu. C. The switch autosenses the local area network configuration and configures itself accordingly. D. The switch must have its configuration unlocked with a password.
11	Answer 2: A	**B**

12	Answer 2:	Should read:
		Answer: B. All Catalyst switches will perform basic switching functions. However, a setup menu similar to a router will show up on the screen. A is incorrect because the switch will not have an IP address or a default gateway installed in order to contact a TFTP server. C is incorrect because Catalyst switches rely on their default configuration on power-up, and do not autosense the LAN configuration. D is incorrect because there are no passwords set on the switch when it is turned on for the first time.
42	Question 7: You have made a console connection to your Cisco Catalyst 1900 series switch and you see the > symbol in HyperTerminal. What does it mean?	You have made a console connection to your Cisco Catalyst **2950** series switch and you see the > symbol in HyperTerminal. What does it mean?
42	Question 8: You would like to assign a meaningful name to your Catalyst 1900 series switch-what command should you use?	You would like to assign a meaningful name to your Catalyst **2950** series switch-what command should you use?

42	Question 9:	Should read:
		9. You need to assign an IP address to your Catalyst 2950 switch. You are at the **HQ_SW1>** prompt. What is the correct series of commands? (**cr** = carriage return)
		A. **enable <cr> ip address 10.1.1.1**
		B. **enable <cr> ip address 10.1.1.1 255.255.255.0**
		C. **enable <cr> configure terminal <cr> ip address 10.1.1.1 255.255.255.0**
		D. **enable <cr> configure terminal <cr> interface vlan 1 <cr> ip address 10.1.1.1 255.255.255.0**

51	Question 38:	Should read:
		38. Which of the following commands will place an IP address on your Catalyst switch?
		A. **Switch1#ip address 10.2.2.2 255.255.255.0**
		B. **Switch1(config)#Set IP 10.2.2.2 255.255.255.0**
		C. **Switch1(config-vlan)#ip address 10.2.2.2**
		D. **Switch1(config-vlan)#ip address 10.2.2.2 255.255.255.0**
51	Question 40: Your senior network administrator is unable to telnet to the Catalyst 1900 switch...	Your senior network administrator is unable to telnet to the Catalyst **2950** switch...
51	Question 40, answer choice D: **Switch1#show version**	**Switch1#show interface vlan1**
55	Answer 38: C	**D**
55	Answer 40: A	**D**

56	Answer 7, third sentence: C is incorrect, as you can have the User mode prompt without configuring anything on a CAT 1900 switch.	C is incorrect, as you can have the User mode prompt without configuring anything on a CAT **2950** switch.
57	Answer 9:	Should read: **Answer: D.** You must place the Management IP address on the Management VLAN which is VLAN1. A and B are incorrect because you cannot configure IP address settings while in Privileged mode. C is incorrect because this is the correct series of commands to establish an IP address on a Catalyst 1900 switch, not a 2950 switch.
61	Answer 38:	Should read: **Answer: D.** You must be in vlan configuration mode for VLAN1. A is incorrect because you cannot configure IP addresses in Privileged mode. B is incorrect because that is not a correct command. C is incorrect because you must specify the subnet mask when performing this command.

61	Answer 40:	Should read:
		Answer: D. You will use the `show interface vlan` command to verify the IP address on that switch. A is incorrect because the `show ip` command is used on the Caalyst 1900 series. B is incorrect because this will merely give you information on what ports belong to aVLAN. C is incorrect because this command does not work on a Catalyst 2950 switch; it is a router or multilayer switch command.
81	Question 2, choice A: Half-duplex Ethernet operates in a shared collision domain.	Half-duplex Ethernet **typically** operates in a shared collision domain.
81	Question 2, choice B: Half-duplex Ethernet operates in a private collision domain.	Half-duplex Ethernet **typically** operates in a private collision domain.

81	Question 3:	Should read: 3. Which of the following commands will place an IP address on your Catalyst switch? A. **HQ_SW1#ip address 10.2.2.2 255.255.255.0** B. **HQ_SW1(config)#Set IP 10.2.2.2 255.255.255.0** C. **HQ_SW1(config-vlan)#ip address 10.2.2.2** D. **HQ_SW1(config-vlan)#ip address 10.2.2.2 255.255.255.0**
84	Question 15: What is the effective throughput for each of 12 PCs connecting to a Catalyst 1912 switch's Ethernet ports operating in half-duplex mode?	What is the effective throughput for each of **24** PCs connecting to a Catalyst switch's **FastEthernet** ports operating in half-duplex mode?
84	Question 15, answer choice D: 50Mbps	**2400**Mbps
86	Question 28: What command changes the duplex setting on a Catalyst 1900 switch?	What command changes the duplex setting on a Catalyst **2950** switch?

88	Question 37: What command changes the duplex setting on a Catalyst 1900 switch? A. **ExamCram2#duplex half** B. **ExamCram2#set duplex half** C. **ExamCram2 (config)#duplex half** D. **ExamCram2 (config)#set duplex half** E. **ExamCram2 (config-if)#duplex half** F. **ExamCram2 (config-if)#set duplex half**	What command changes the duplex setting on a **Catalyst switch**? A. **ExamCram2#duplex full** B. **ExamCram2#set duplex full** C. **ExamCram2 (config)#duplex full** D. **ExamCram2 (config)#set duplex full** E. **ExamCram2 (config-if)#duplex full** F. **ExamCram2 (config-if)#set duplex full**
91	Answer 2: B and D	**A** and D
91	Answer 15: B	**C**
91	Answer 29: D and F	**C and E**

92	Answer 2:	Should read: **Answers A and D.** Half-duplex Ethernet typically operates in a shared collision domain. This allows only one device to send or receive data at a time. If any additional devices attempt to transmit, a collision will result. Network hubs operate in this manner. Because of this limitation, half-duplex has lower effective throughput than full-duplex, so D is correct as well. B is incorrect, as full-duplex connections typically operate in a private collision domain. C is incorrect because full-duplex has a higher effective throughput. E is incorrect, as Ethernet has no control over broadcasts.
92	Answer 3:	Should read: **Answer: D.** You must be in vlan configuration mode for VLAN1. A is incorrect because you cannot configure IP addresses in Privileged mode. B is incorrect because that is not a valid command. C is incorrect because you must specify the subnet mask when performing this command.

93	Answer 15:	Should read: **Answer: C.** The 24 FastEthernet Ports operate at 100mbps in either full or half-duplex mode. In half duplex mode, they would essentially have their own 100mbps link. Answers A, B, and D are incorrect values.
95	Answer 28:	Should read: **Answer: E.** You will make this configuration setting on a particular interface, thus the need to be in interface configuration mode. A and C are incorrect because the commands are given in the wrong configuration mode. B, D, and F are incorrect commands.
96	Answer 37:	Should read: **Answer: E.** You will make this configuration setting on a particular interface, thus the need to be in interface configuration mode. A and C are incorrect as the commands are given in the wrong configuration mode. B, D, and F are incorrect commands.

104	Question 32:	
	On a Catalyst 1912, what is the default VTP domain name?	On a Catalyst **2950**, what is the default VTP domain name?
	A. VLAN 1	A. VLAN1
	B. VLAN 0	B. VLAN0
	C. VTP 0	C. VTP 0
	D. None	D. None
105	Question 33:	
	Which mode must you be in to configure a VTP domain for a Catalyst 1912? Choose the best answer.	Which mode must you be in to configure a VTP domain for a Catalyst **2950 switch**? Choose the best answer.
105	Question 36:	
	What command enables pruning on a Catalyst 1900 switch?	What command enables pruning on a Catalyst **2950** switch?
105	Question 38:	
	You are configuring a trunk port on your Catalyst 1900 series switch. Which command is appropriate?	You are configuring a trunk on your Catalyst **2950** switch. Which command is appropriate?

106	Question 39:	Should read:
		39. Which of the following are considered true trunking protocols? Choose two.
		A. ISL
		B. VTP
		C. 802.1q
		D. 802.1d
106	Question 43:	Should read:
		43. You are adding a port on your Catalyst 2950 switch to VLAN 5. Which commands will accomplish this goal?
		A. **wg_sw1(config-if)#switchport access vlan 5**
		B. **wg_sw1(config)#vlan-membership port vlan 5**
		C. **wg_sw1(config-if)#vlan-membership static 5**
		D. **wg_sw1(config) #port membership vlan 5**

106	Question 44:	Should read:
		44. Which statement below is accurate when describing the role of a VLAN in a corporate network?
		A. It can be used to reduce the segments in a network.
		B. It can be used to reduce broadcasts/multicasts in a network.
		C. It will reduce the security ability of a network.
		D. It will not allow Quality of Service to be deployed.
107	Question 49:	Should read:
		49. In order for traffic to pass from one VLAN to another, a _____ is required that can understand trunking protocols.
		A. router
		B. switch
		C. hub
		D. trunking bridge

109	Answer 33:	
	B	**C**
109	Answer 39:	
	B	**A, C**
109	Answer 49:	
	B	**A**
113	Answer 32:	Should read:
		Answer: D. There is no default VTP domain set. A is incorrect because VLAN1 is simply the management VLAN. B and C are invalid.
113	Answer 33:	Should read:
		Answer: C. VTP domains on a Catalyst 2950 are created in VLAN Configuration mode. A is incorrect because even as Privileged mode is required, you must enter the VLAN database command to get to VLAN configuration mode. B is incorrect because this is only valid for Catalyst 1900 switches, which are now end of life. D is incorrect because no configuration changes can be made in User mode.

114	Answer 38:	Should read: **Answer: C.** The "switchport mode trunk" command sets the port as a trunk port for 802.1Q traffic. This command is used in Interface Configuration mode. A is incorrect because this command results in an error message. B and D are not valid IOS commands.
114	Answer 39:	Should read: **Answers: A and C.** Interswitch Link and the IEEE 802.1q are protocols that help define VLAN traffic over a single link. B is incorrect because VTP is merely a management protocol that helps to propagate VLANs to switches that belong to the same domain. D is incorrect because 802.1d is the IEEE standard for Spanning-Tree Protocol.
114	Answer 43:	Should read: **Answer: A. Y**ou will go to the particular interface/port you want to assign to VLAN 5 and enter the command <u>switchport access vlan (vlan#)</u>. B is incorrect because it is an invalid command. C is incorrect because this will assign a port to a VLAN on a 1900 series switch, not the 2950. D is incorrect because it is an invalid command.

115	Answer 44:	Should read: **Answer: B.** A VLAN is considered its own broadcast domain. It will help contain broadcasts in a networked environment. A is incorrect because a VLAN actually will segment the network even more. C is incorrect because VLANs are separate subnets that allow for Access-Lists to be applied, providing greater security. D is incorrect because Quality of Service can harness the power of VLANs to increase its functionality.
115	Answer 49:	Should read: **Answer: A.** The router will be able to route between the different subnets for the VLANs. It will also be able to run ISL or 802.1q. B is incorrect because a Layer 2 switch has no Layer 3 comprehension. C is incorrect because a Hub is merely a multi-port repeater with no abilities to pass traffic between Subnets. D is incorrect because there is no such device.

Fourth Printing Corrections

Pg	Error	Correction
39	Question 50: Answer: A.	 **Answers: A and C.**

This errata sheet is intended to provide updated technical information. Spelling and grammar misprints are updated during the reprint process, but are not listed on this errata sheet.