

Cisco

Exam 300-370

Troubleshooting Cisco Wireless Enterprise Networks

Version: 7.0

[Total Questions: 60]

Question No : 1

An engineer must open a support case with Cisco TAC. Which two commands verify the model and serial number of a controller? (Choose two)

- A. show sysinfo
- B. show udi
- C. show inventory
- D. show boot
- E. show tech-support

Answer: A,B

Question No : 2

An engineer has received an alarm on a wireless LAN controller and is unsure of its meaning. The engineer attempted to ping the wireless LAN controller interfaces. Which troubleshooting methodology does this action demonstrate?

- A. bottom-up
- B. follow the path
- C. shoot from the hip
- D. top-down
- E. divide and conquer

Answer: E

Question No : 3

An engineer has run the debug dhcp packet enable command on the wireless LAN controller CLI. Which field contains the IP address offered to the client?

- A. siaddr
- B. ciaddr
- C. chaddr
- D. yiaddr
- E. giaddr

Answer: C

Question No : 4

Which statement about the join process of the access point is true?

Refer to the exhibit.

```
(Cisco Controller) >show ap join stats detailed 00:ab:00:ab:00:ab
Discovery phase statistics
- Discovery requests received..... 10
- Successful discovery responses sent..... 5
- Unsuccessful discovery request processing..... 2113123
- Reason for last unsuccessful discovery attempt.....
  Discovery request received on unsupported VLAN
- Time at last successful discovery attempt.....
  Jan 30 14:30:12.284
- Time at last unsuccessful discovery attempt.....
  Jan 30 14:30:12.288

Join phase statistics
- Join requests received..... 4
- Successful join responses sent..... 0
- Unsuccessful join request processing..... 4
- Reason for last unsuccessful join attempt.....
  Certificate payload in join request contains invalid
  certificate
- Time at last successful join attempt.....
  Not applicable
- Time at last unsuccessful join attempt.....
  Mar 06 19:19:03.345

Configuration phase statistics
- Configuration requests received..... 0
- Successful configuration responses sent..... 0
- Unsuccessful configuration request processing..... 0
- Reason for last unsuccessful configuration attempt.....
  Not applicable
- Time at last successful configuration attempt.....
  Not applicable
- Time at last unsuccessful configuration attempt.....
  Not applicable

Last AP message decryption failure details
- Reason for last message decryption failure.....
  Not applicable

Last AP disconnect details
- Reason for last AP connection failure.....
  Not applicable

Last join error summary
- Type of error that occurred last.....
  Failed to send Lwapp discovery response
- Reason for error that occurred last.....
  Discovery request received on unsupported VLAN
- Time at which the last join error occurred.....
  Jan 30 14:30:12.288
```

- A. The time on the controller is outside of the certificates validity time interval, so the join phase failed.
- B. The AP moved from this controller to its primary controller.
- C. The controller rejected most of the discovery requests from the AP because they were not received on the management interface subnet. The AP failed to join the controller.
- D. The AP successfully joined the controller.
- E. The AP failed to join because the self-signed certificate of the AP on the controller was not correct.

Answer: C

Question No : 5

A Cisco WLC v7.0 is not seeing an AP join. Which starting prefix debug command can help determine a combination of discovery/join and DHCP process status?

- A. debug capwap events - from Cisco WLC
- B. debug capwap events - from the AP
- C. debug ip udp - from Cisco WLC
- D. debug ip udp - from the AP

Answer: D

Question No : 6 DRAG DROP

Drag and drop the IP address range on the left onto the specific purpose for multicast groups on the right. Not all options are used.

224.0.1.0 through 238.255.255.255	Limited scope
214.0.0.0 through 224.0.0.255	Reserved link local
239.0.0.0. through 239.255.x.y/16	Globally scoped
224.0.0.0 through 224.0.0.255	
239.0.0.0 through 240.255.x.y/16	

Answer:

224.0.1.0 through 238.255.255.255	239.0.0.0. through 239.255.x.y/16
214.0.0.0 through 224.0.0.255	224.0.0.0 through 224.0.0.255
239.0.0.0. through 239.255.x.y/16	224.0.1.0 through 238.255.255.255
224.0.0.0 through 224.0.0.255	
239.0.0.0 through 240.255.x.y/16	

Question No : 7

An alarm is reporting that one of four ports of a lag group have gone down on a wireless LAN controller. Which troubleshooting methodology can be used to begin the troubleshooting process?

- A. shoot from the hip
- B. bottom-up
- C. top-down
- D. follow the path
- E. divide and conquer

Answer: B

Question No : 8

A network engineer has identified clients who are experiencing delays while roaming. The network is configured with WPA2-Enterprise, AES encryption, 802.1X authentication, and Cisco Centralized Key Management. Which change resolves the roaming delays?

- A. Utilize a supplicant that supports Cisco Centralized Key Management.
- B. Enable AES and TKIP encryption
- C. Disable client session timeout
- D. Install wireless device drivers from Cisco

Answer: A

Question No : 9

An engineer has configured 802.1X for the network and all but one of the APs are passing authentication. Which configuration is causing the failure?

- A. The AP has override global credentials checked.
- B. The switch AAA credentials do not match what is configured on ISE.
- C. The controller 802.1X supplicant credentials do not match what is configured on ISE
- D. EAP-FAST is configured on ISE for this AP.

Answer: A

Question No : 10

Which feature should a network engineer enable within a mixed-client network to ensure that the legacy client operates at the best possible rates?

- A. ClientLink
- B. RRM
- C. DCA
- D. Band Select

Answer: A

Question No : 11

You have successfully configured HA and SSO using two Cisco 5508 Wireless LAN Controllers. You are able to access the Active Primary WLC but are unable to access the Secondary Standby WLC. Which two methods will allow you to access the standby unit? (Choose two.)

- A. Via SSH to the Redundancy Management Interface.
- B. Via Service Port Interface.
- C. Via SSH to the Management Interface.
- D. Via console connection.

Answer: C,D

Question No : 12

An engineer is concerned about rogue-on-wire and wants to enable port security. Which guideline must the engineer follow?

- A. Configure Switched Port Analyzer destination ports as secure.
- B. Use 802.1x with port security to prevent MAC spoofing.
- C. Enable port security on dynamic access ports.
- D. Employ static MAC address configuration for APs with port security.

Answer: A

Question No : 13

An engineer is using various techniques to discover and isolate rogues on the network. For which technique must the engineer consider legal ramifications?