

300-375 Dumps

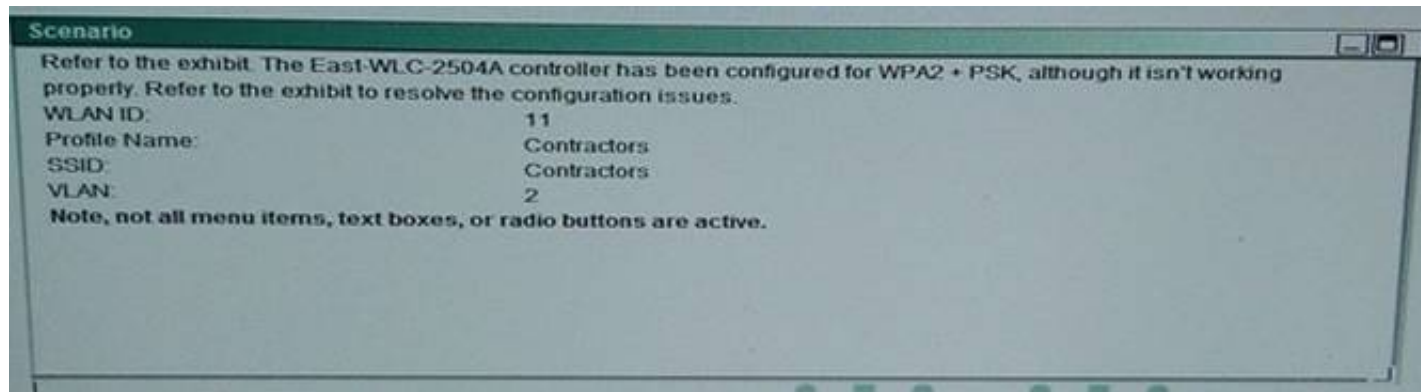
Securing Cisco Wireless Enterprise Networks

<https://www.certleader.com/300-375-dumps.html>



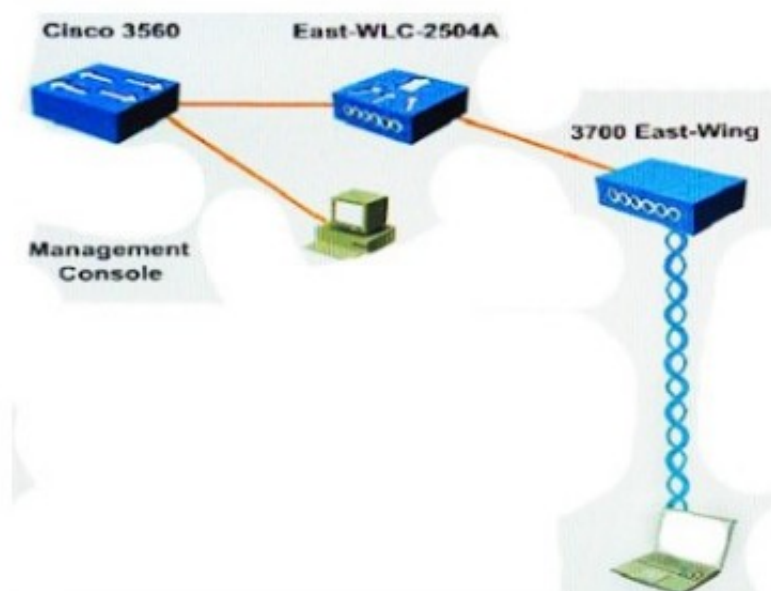
NEW QUESTION 1

Scenario

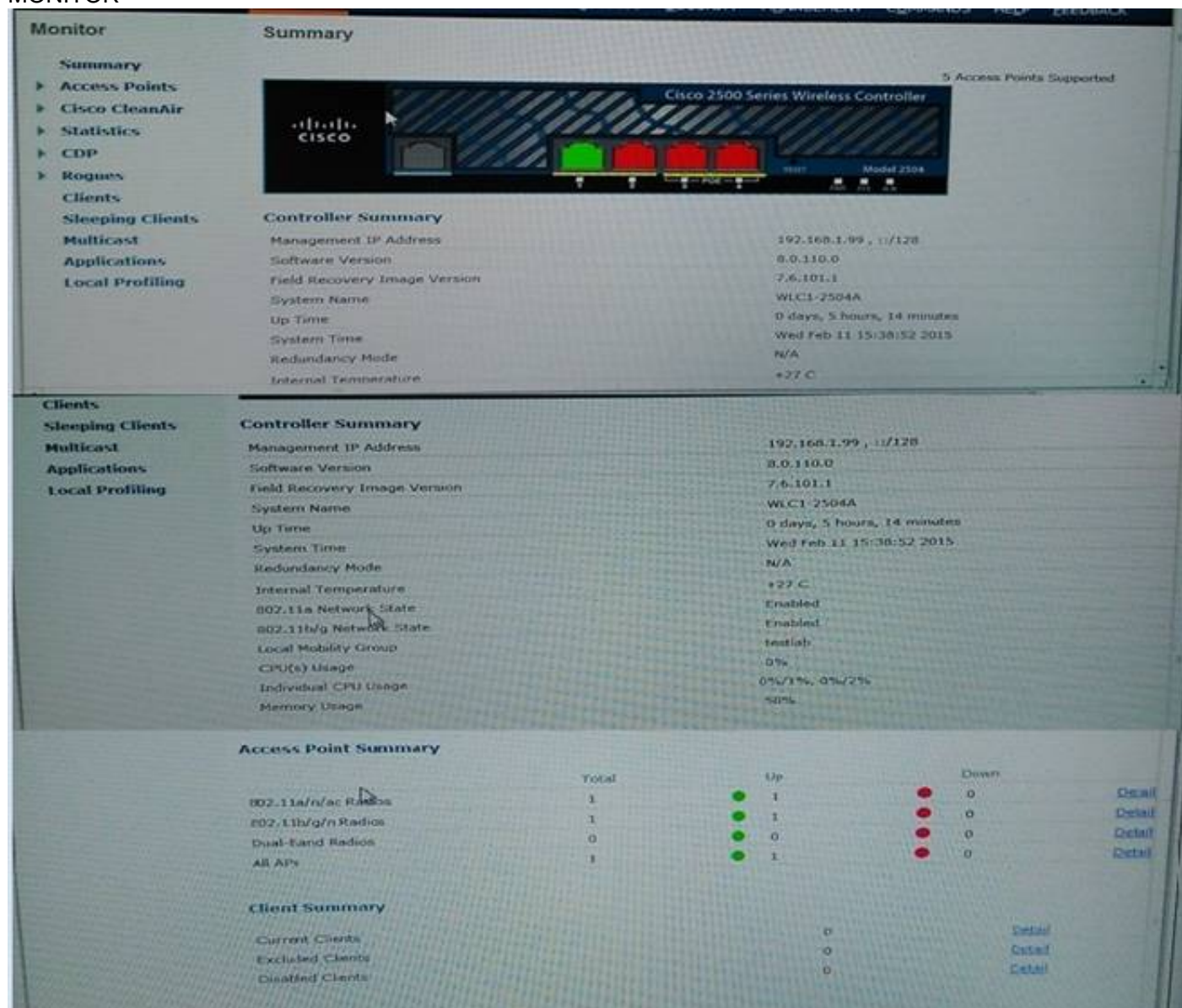


TOPOLOGY

Topology



MONITOR



WLANS



CONTROLLER

Controller General

General

Name: WLC1-2504A

802.3x Flow Control Mode: Disabled

LAG Mode on next reboot: Disabled (LAG Mode is currently disabled).

Broadcast Forwarding: Disabled

AP Multicast Mode: Multicast

AP IPv6 Multicast Mode: Multicast

AP Fallback: Enabled

CAPWAP Preferred Mode: IPv4

Fast SSID change: Disabled

Link Local Bridging: Disabled

Default Mobility Domain Name: testlab

RF Group Name: testlab

User Idle Timeout (seconds): 300

AP Timeout (seconds): 300

Web Radius Authentication

Operating Environment: Commercial (0 to 40 C)

Internal Temp Alarm Limits: 0 to 55 C

WebAuth Proxy Redirection Mode: Disabled

WebAuth Proxy Redirection Port: 0

Maximum Allowed APs: 0

Global IPv6 Config: Enabled

Web Color Theme: Default

HA CKU secondary unit: Disabled

Nas-Id: WLC1-2504A

1. Multicast is not supported with FlexConnect on this platform.
2. Value zero implies there is no restriction on maximum allowed APs.

WIRELESS

APs

Current Filter: None (Change Filter | Clear Filter)

Number of APs: 2

AP Name	IP Address (IPv4/IPv6)	AP Model	AP MAC	AP IP Type	Admin Status	Status	AP Role	AP Type	AP ID	AP Name
WLC1-2504A	192.168.1.100	AIR-CT5501-A-K9	88:3D:61:01:00:00	Static	Enabled	OK	WLC	WLC	1	WLC1-2504A
WLC1-2504A	192.168.1.100	AIR-CT5501-A-K9	88:3D:61:01:00:00	Static	Enabled	OK	WLC	WLC	1	WLC1-2504A

SECURITY

General

Maximum Local Database entries (on next reboot): 2048 (Current Maximum is: 2048)

Number of entries, already used: 1

Which configuration changes need to be made to allow WPA2 + PSK to operate properly on the East- WLC-2504A controller? (Choose four.)

- A. Disable Dynamic AP Management.
- B. Click on the Status Enabled radio button.
- C. Change the Layer 3 Security to Web Policy.
- D. Change the WPA + WPA2 Parameters to WPA2 Policy-AES.
- E. Change the PSK Format to HEX.
- F. Change the WLAN ID.
- G. Change the VLAN Identifier.
- H. Change the IP Address of the Virtual interface.
- I. Change the SSID name of the WLAN.
- J. Click on the PSK radio button and add the password in the text bo

Answer: BFIJ

NEW QUESTION 2

Refer to the exhibit.

Web Authentication

Login Successful !

You can now use all regular network services over the wireless network.

Please retain this small logout window in order to logoff when done. Note that you can always use the following URL to retrieve this page:
<https://1.1.1.1/logout.html>

Logout

What is the 1.1.1.1 IP address?

- A. the wireless client IP address
- B. the RADIUS server IP address
- C. the controller management IP address
- D. the lightweight IP address
- E. the controller AP-manager IP address
- F. the controller virtual interface IP address

Answer: F

NEW QUESTION 3

A Customer is concerned about denial of service attacks that impair the stable operation of the corporate wireless network. The customer wants to purchase mobile devices that will operate on the corporate wireless network. Which IEEE standard should the mobile devices support to address the customer concerns?

- A. 802.11w
- B. 802.11k
- C. 802.11r
- D. 802.11h

Answer: A

NEW QUESTION 4

Which two events are possible outcomes of a successful RF jamming attack? (Choose two.)

- A. unauthentication association
- B. deauthentication multicast
- C. deauthentication broadcast
- D. disruption of WLAN services
- E. physical damage to AP hardware

Answer: DE

NEW QUESTION 5

An engineer is configuring a new mobility anchor for a WLAN on the CLI with the config wlan mobility anchor add 3 10.10.10.10 command, but the command is failing. Which two conditions must be met to be able to enter this command? (Choose two.)

- A. The anchor controller IP address must be within the management interface subnet.
- B. The anchor controller must be in the same mobility group.
- C. The WLAN must be enabled.
- D. The mobility group keepalive must be configured.
- E. The indicated WLAN ID must be present on the controlle

Answer: AB

NEW QUESTION 6

A customer has deployed PEAP authentication with a Novell eDirectory LDAP Server. Which authentication method must be configured on the client to support this deployment?

- A. PEAP(EAP-MSCHAPv2)
- B. PEAP(EAP-TTLS)
- C. PEAP(EAP-GTC)
- D. PEAP(EAP-WPA)

Answer: C

NEW QUESTION 7

Which security method does a Cisco guest wireless deployment that relies on Cisco ISE guest portal for user authentication use?

- A. Layer 2 and Layer 3
- B. Layer 2 only
- C. No security methods are needed to deploy CWA
- D. Layer 3 only

Answer: B

NEW QUESTION 8

Which two options are types of MFP that can be performed? (Choose two.)

- A. message integrity check
- B. infrastructure
- C. client
- D. AES-CCMP
- E. RSN

Answer: BC

NEW QUESTION 9

An engineer has determined that the source of an authentication issue is the client laptop. Which three items must be verified for EAP-TLS authentication? (Choose three.)

- A. The client certificate is formatted as X 509 version 3
- B. The validate server certificate option is disabled.
- C. The client certificate has a valid expiration date.
- D. The user account is the same in the certificate.
- E. The supplicant is configured correctly.
- F. The subject key identifier is configured correctl

Answer: ADF

NEW QUESTION 10

Refer to the exhibit.

WLANs > Edit 'Cisco'

The screenshot shows the 'Security' tab of the Cisco WLAN configuration interface. Under the 'Layer 2' sub-tab, the 'Layer 2 Security' is set to 'WPA+WPA2'. The 'MAC Filtering' checkbox is unchecked. The 'Fast Transition' checkbox is also unchecked. Under the 'Protected Management Frame' section, the 'PMF' is set to 'Required'. The 'Comeback timer(1-10sec)' is set to '1' and the 'SA Query Timeout(100-500msec)' is set to '200'. Under the 'WPA+WPA2 Parameters' section, the 'WPA Policy' checkbox is unchecked, the 'WPA2 Policy' checkbox is checked, and the 'WPA2 Encryption' is set to 'AES' (with 'TKIP' unchecked).

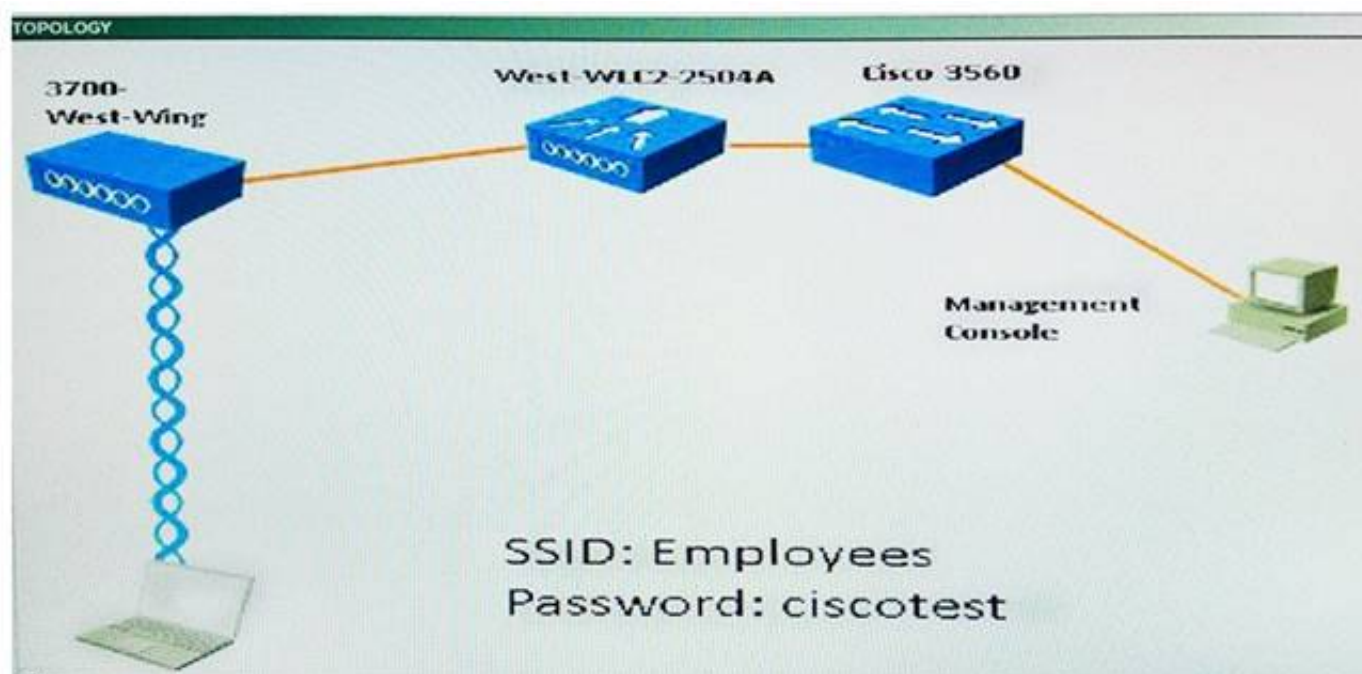
A customer is having problems with clients associating to me wireless network. Based on the configuration, which option describes the most likely cause of the issue?

- A. Both AES and TKIP must be enabled
- B. SA Query Timeout is set too low
- C. Comeback timer is set too low
- D. PME is set to "required"
- E. MAC Filtering must be enabled

Answer: E

NEW QUESTION 10

The screenshot shows the 'Scenario' tab of the Cisco 2504 WLC configuration page. The text reads: 'Refer to the exhibit. Configure the WLC to support WPA+WPA2 with PSK. Create a new WLAN ID 11. The SSID and Profile Name should be the same. The Controller Management interface has been preconfigured for you. The Client Laptop will automatically connect to the WLAN if your configuration is correct. Verify your configuration by using the Cisco 2504 WLC screens when you have completed the configuration.' Below this, a note states: 'Note, not all menu items, text boxes, or radio buttons are active.'



Monitor Summary

5 Access Points Supported



Controller Summary

Management IP Address	10.10.11.10, ::1/128
Software Version	8.0.110.0
Field Recovery Image Version	7.6.101.1
System Name	West-WLC2-2504A
Up Time	9 days, 9 hours, 36 minutes
System Time	Fri Oct 2 18:38:06 2015
Redundancy Mode	N/A
Internal Temperature	+30 C

Controller Summary

Management IP Address	10.10.11.10, ::1/128
Software Version	8.0.110.0
Field Recovery Image Version	7.6.101.1
System Name	West-WLC2-2504A
Up Time	9 days, 9 hours, 36 minutes
System Time	Fri Oct 2 18:38:06 2015
Redundancy Mode	N/A
Internal Temperature	+30 C
802.11a Network State	Enabled
802.11b/g Network State	Enabled
Local Mobility Group	testlab
CPU(s) Usage	0%
Individual CPU Usage	0%/1%, 0%/0%
Memory Usage	50%

Access Point Summary

	Total	Up	Down	
802.11a/n/ac Radios	1	1	0	Detail
802.11b/g/n Radios	1	1	0	Detail
Dual-Band Radios	0	0	0	Detail
All APs	1	1	0	Detail

10.10.11.10, ::1/128
8.0.110.0
7.6.101.1
West-WLC2-2504A
9 days, 9 hours, 36 minutes
Fri Oct 2 18:38:06 2015
N/A
+30 C
Enabled
Enabled
testlab
0%
0%/1%, 0%/0%
50%

Rogue Summary

Active Rogue APs	12
Active Rogue Clients	0
Adhoc Rogues	0
Rogues on Wired Network	0

Top WLANs

Profile Name	# of Clients

Most Recent Traps

Rogue AP : 00:18:39:0c:21:27 removed from Base Radio MAC
Rogue AP: 00:18:0a:34:1f:b4 detected on Base Radio MAC: b1
Rogue AP : 74:85:7a:77:fb:51 removed from Base Radio MAC
Rogue AP: 48:62:d9:f6:88:72 detected on Base Radio MAC: b1
Rogue AP : 74:85:2a:27:fb:50 removed from Base Radio MAC

Top Applications

Application Name	Packet Count	Byte Count

This page refreshes every 30 seconds.

0	Detail
0	Detail
0	Detail

Internal Temperature: +30 C
802.11a Network State: Enabled
802.11b/g Network State: Enabled
Local Mobility Group: testlab
CPU(s) Usage: 0%
Individual CPU Usage: 0%/1%, 0%/0%
Memory Usage: 50%

Access Point Summary

	Total	Up	Down	
802.11a/n/ac Radios	1	1	0	Detail
802.11b/g/n Radios	1	1	0	Detail
Dual-Band Radios	0	0	0	Detail
All APs	1	1	0	Detail

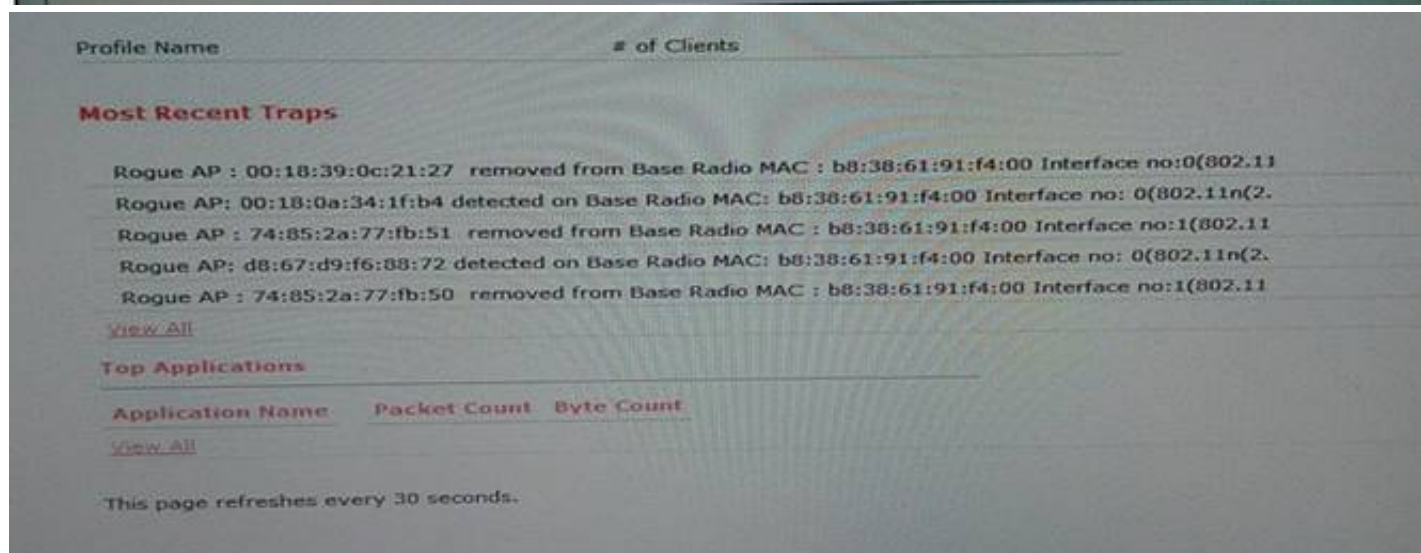
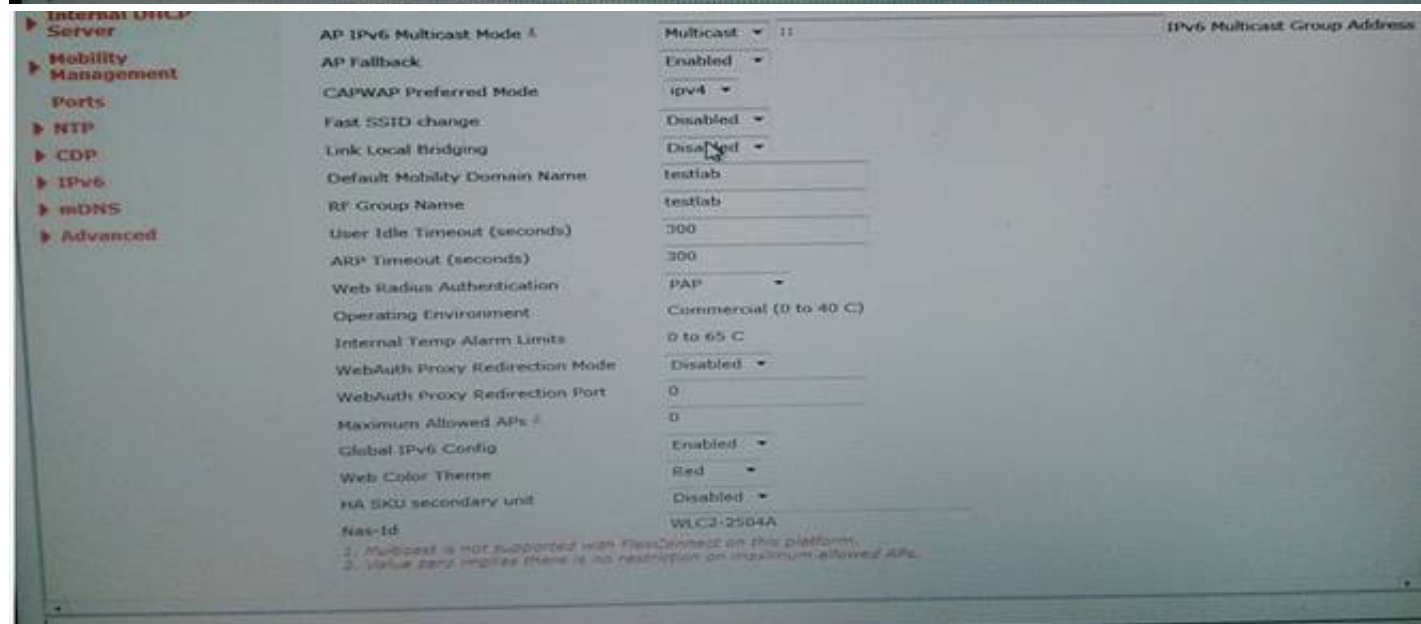
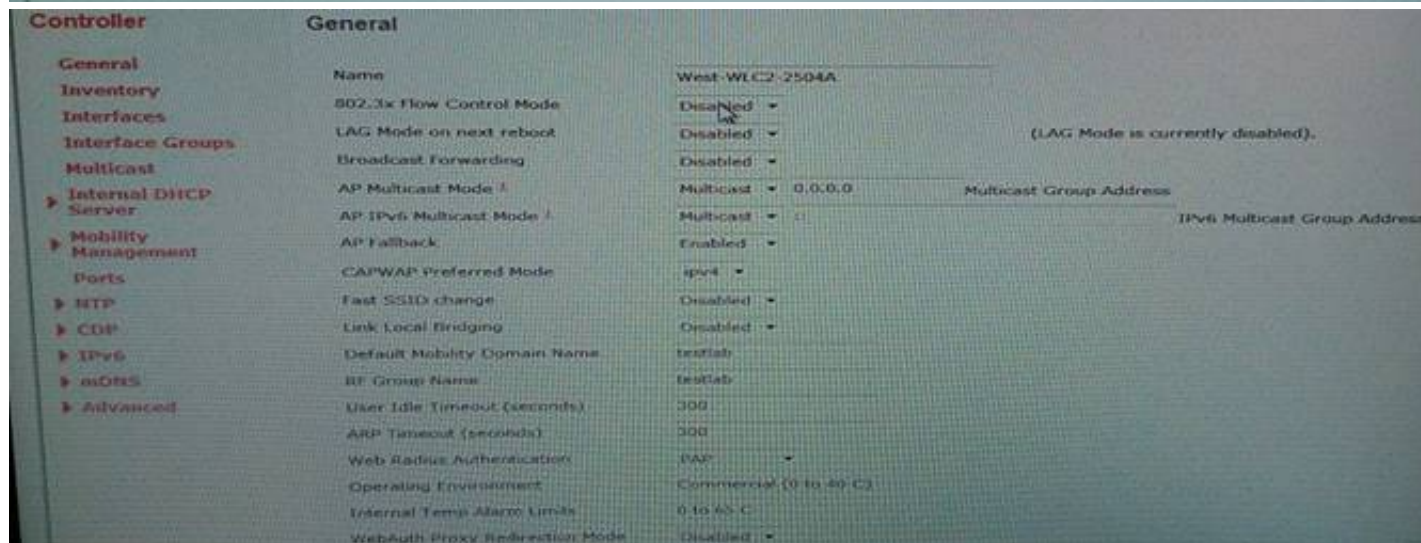
Client Summary

Current Clients	0	Detail
Excluded Clients	0	Detail
Disabled Clients	0	Detail

WLANs

Current Filter: None [Change filter] [Clear filter]

WLAN ID	Type	Profile Name	WLAN SSID	Admin Status	Security Policies



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Please refer the link below in Explanation to configure this simulation.

Example:

Use this link to configure all the steps for this simulation : <http://www.cisco.com/c/en/us/support/docs/wireless-mobility/wireless-lan-wlan/116880-configwpa2-psk-00.html>

NEW QUESTION 12

Which three configuration steps are necessary on the WLC when implementing central web authentication in conjunction with Cisco ISE. (Choose three.)

- A. Set P2P Blocking Action to Drop.
- B. Enable Security Layer 3 Web Policy.
- C. Set NAC state to SNMP NAC.
- D. Enable Allow AAA override.
- E. Enable Security Layer 2 MAC Filtering.
- F. Set NAC state to RADIUS NA

Answer: DEF

NEW QUESTION 15

Refer to the exhibit.



A WLAN with the SSID "Enterprise" is configured. Which rogue is marked as malicious?

- A. a rogue with two clients, broadcasting the SSID "Employee" heard at -50 dBm
- B. a rogue with no clients, broadcasting the SSID "Enterprise" heard at -50 dBm
- C. a rogue with two clients, broadcasting the SSID "Enterprise" heard at -80 dBm
- D. a rogue with two clients, broadcasting the SSID "Enterprise" heard at -50 dBm

Answer: C

NEW QUESTION 19

Which option describes the purpose of configuring switch peer groups?

- A. enforces RF profiles
- B. enables location services
- C. restricts roaming traffic to certain switches
- D. allows template based configuration changes

Answer: C

NEW QUESTION 24

Which of the following user roles can access CMX Visitor Connect?

- A. Administrator
- B. Power User
- C. Guest User
- D. Super Administrator

Answer: A

NEW QUESTION 25

Which command is an SNMPv3-specific command that an engineer can use only in Cisco IOS XE?

- A. snmp-server user remoteuser1 group1 remote 10.12.0.4
- B. snmp-server host 172.16.1.33 public
- C. snmp-server community comaccess ro 4
- D. snmp-server enable traps wireless

Answer: A

NEW QUESTION 28

A customer is concerned that radar is impacting the access point that service the wireless network in an office located near an airport. On which type of channel should you conduct spectrum analysis to identify if radar is impacting the wireless network?

- A. UNII-3 channels
- B. UNII-1 channels
- C. 802.11b channels
- D. 2.4 GHz channels
- E. UNII-2 channels
- F. Channels 1, 5, 9, 13

Answer: E

NEW QUESTION 32

An engineer configures the wireless LAN controller to perform 802.1x user authentication. Which option must be enabled to ensure that client devices can connect to the wireless, even when WLC cannot communicate with the RADIUS?

- A. local EAP
- B. authentication caching
- C. pre-authentication
- D. Cisco Centralized Key Management

Answer: A

NEW QUESTION 37

Which client roam is considered the fastest in a wireless deployment using Cisco IOS XE mobility controllers and mobility agents?

- A. Roam within stack members
- B. Inter-SPG roam
- C. Interdomain roam
- D. Intermobility roam
- E. Intra-SPG roam

Answer: B

Explanation:

- Inter-SPG, Intra-subdomain roaming?The client roaming between mobility agents in different SPGs within the same subdomain. https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3850/software/release/3se/system_management/configuration_guide/b_sm_3se_3850_cg/b_sm_3se_3850_cg_chapter_0111.pdf

NEW QUESTION 39

A customer wants to allow employees to easily onboard their devices to the wireless network. Which process can be configured on Cisco ISE to support this requirement?

- A. self registration guest portal
- B. client provisioning
- C. native supplicant provisioning
- D. local web auth

Answer: B

NEW QUESTION 40

Which option determines which RADIUS server is preferred the most by the Cisco WLC?

- A. the Server Index (Priority) drop-down list
- B. the server status
- C. the server IP address
- D. the port number

Answer: A

NEW QUESTION 45

A Cisco WLC has been added to the network and Cisco ISE as a network device, but authentication is failing. Which configuration within the network device configuration should be verified?

- A. shared secret
- B. device ID
- C. SNMP RO community
- D. device interface credentials

Answer: A

NEW QUESTION 49

Which two attacks represent a social engineering attack? (Choose two.)

- A. using AirMagnet Wi-Fi Analyzer to search for hidden SSIDs
- B. calling the IT helpdesk and asking for network information
- C. spoofing the MAC address of an employee device
- D. entering a business and posing as IT support staff

Answer: BD

NEW QUESTION 51

How should the Cisco Secure ACS v4.2 and the Cisco WLC v7.0 be configured to support wireless client authentication?

- A. The WLC configured for RADIUS and the Cisco Secure ACS configured for RADIUS (Cisco Airespace)
- B. The WLC configured for RADIUS and the Cisco Secure ACS configured for RADIUS (IETF)
- C. The WLC configured for TACACS+ and the Cisco Secure ACS configured for TACACS+ (Cisco Airespace)
- D. The WLC configured for TACACS+ and the Cisco Secure ACS configured for TACACS+ (Cisco IOS)

Answer: A

NEW QUESTION 53

Which feature should an engineer select to implement the use of VLAN tagging, QoS, and ACLs to clients based on RADIUS attributes?

- A. per-WLAN RADIUS source support

- B. client profiling
- C. AAA override
- D. captive bypassing
- E. identity-based networking

Answer: C

NEW QUESTION 57

Client Management Frame Protection is supported on which Cisco Compatible Extensions version clients?

- A. v2 and later
- B. v3 and later
- C. v4 and later
- D. v5 only

Answer: D

NEW QUESTION 62

What two actions must be taken by an engineer configuring wireless Identity-Based Networking for a WLAN to enable VLAN tagging? (Choose two.)

- A. enable AAA override on the WLAN
- B. create and apply the appropriate ACL to the WLAN
- C. update the RADIUS server attributes for tunnel type 64, medium type 65, and tunnel private group type 81
- D. configure RADIUS server with WLAN subnet and VLAN ID
- E. enable VLAN Select on the wireless LAN controller and the WLAN

Answer: AC

NEW QUESTION 67

Which method does a Cisco switch use to authenticate a Cisco lightweight access point that is acting as a 802.1x supplicant?

- A. 802.1X
- B. EAP-FAST with anonymous PAC provisioning
- C. a password only
- D. a username and password

Answer: B

NEW QUESTION 68

An engineer is implementing SNMP v3 on a wireless LAN controller and wants to use the combination of authentication and privacy protocols with the highest security available. Which protocols must be configured?

- A. CFB-AES-128 with HMAC-MD5
- B. CBC-DES with HMAC SHA
- C. CFB-AES-128 with HMAC-SHA
- D. CBC-DES with HMAC-MD5

Answer: C

NEW QUESTION 71

Regarding the guidelines for using MFP, under what circumstances will a client without Cisco compatible Extensions v5 be able to associate to a WLAN?

- A. The DHCP Required box is unchecked.
- B. AAA override is configured for the WLAN
- C. Client MFP is disabled or optional.
- D. WPA2 is enabled with TKIP or AE

Answer: D

NEW QUESTION 75

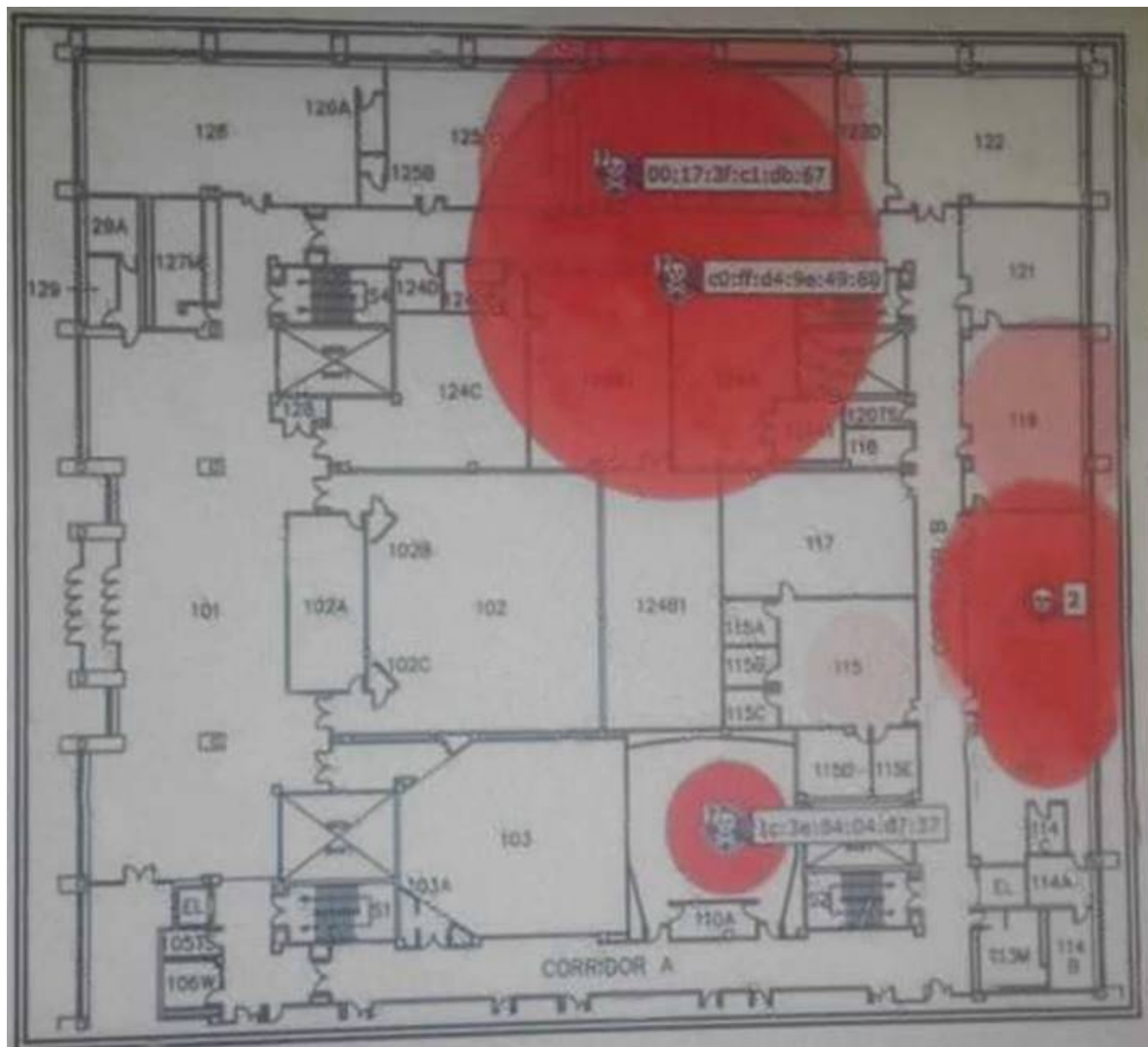
An engineer is working on a remote site that is configured using FlexConnect. They are worried that the access points will not send RADIUS requests directly to the authentication server is standalone mode. Which command ensures direct authentication using the default ports as defined on the WLC?

- A. config flexconnect group Remote radius server acct add primary 10.10.10.10 1813 Cisco123
- B. config flexconnect group Remote radius server auth add primary 10.10.10.10 1813 Cisco123
- C. config flexconnect group Remote radius server acct add primary 10.10.10.10 1812 Cisco123
- D. config flexconnect group Remote radius server auth add primary 10.10.10.10 1812 Cisco123

Answer: C

NEW QUESTION 80

Refer to the exhibit. What do the red circles represent in the exhibit?

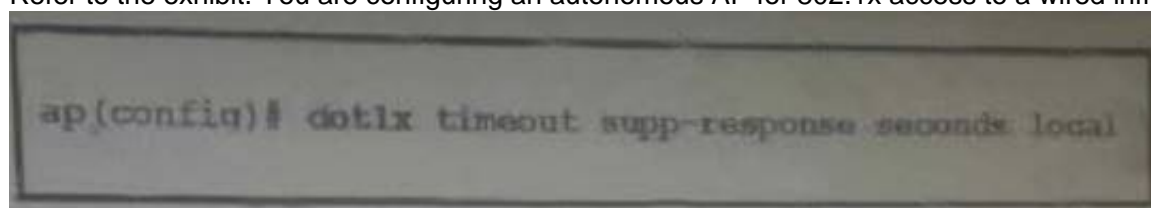


- A. detected interferes
- B. RSSI cutoff
- C. WiPs attackers
- D. zones of impact

Answer: C

NEW QUESTION 81

Refer to the exhibit. You are configuring an autonomous AP for 802.1x access to a wired infrastructure. What does the command do?



- A. It enables the AP to override the authentication timeout on the RADIUS server.
- B. It configures how long the AP must wait for a client to reply to an EAP/dot1x message before the authentication fails.
- C. It enables the supplicant to override the authentication timeout on the client
- D. It configures how long the RADIUS server must wait for supplicant to reply to an EAP/dot1x message before the authentication fails.

Answer: C

NEW QUESTION 86

Which two statements describe the requirements for EAP-TLS?

- A. It requires client-side and server-side certificates.
- B. It uses PAC on the client.
- C. It requires PKI.
- D. It requires a server side digital certificate on only the RADIUS server
- E. It must use AES for encryption and cannot use TKIP for encryption

Answer: AB

NEW QUESTION 87

An engineer has configured the wireless controller to authenticate clients on the employee SSID against Microsoft Active Directory using PEAP authentication. Which protocol does the controller use to communicate with the authentication server?

- A. EAP
- B. 802.1x
- C. RADIUS
- D. WPA2

Answer: A

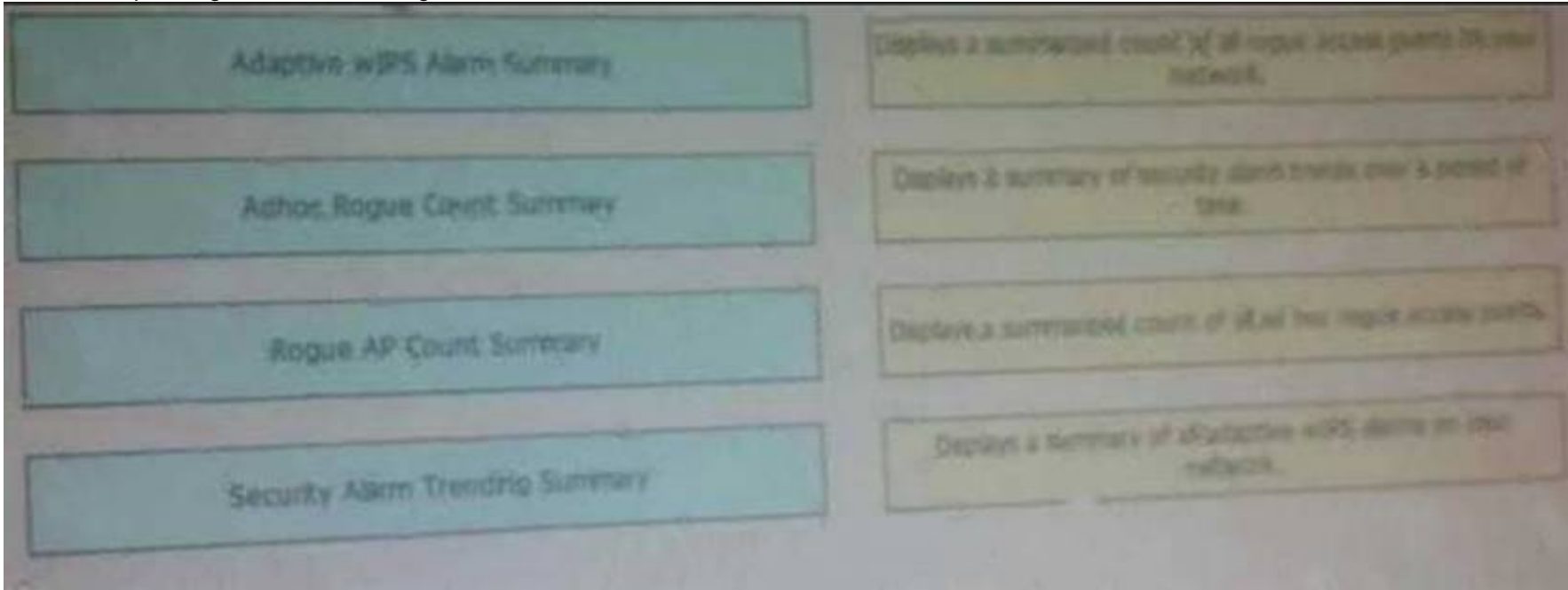
Explanation:

Define the Layer 2 Authentication as WPA2 so that the clients perform EAP-based authentication (PEAP-MS-CHAP v2 in this example) and use the advanced encryption standard (AES) as the encryption mechanism. Leave all other values at their defaults. <https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/115988-nps-wlc-config-000.html>

NEW QUESTION 89

DRAG DROP

A wireless engineer wants to schedule monthly security reports in Cisco Prime infrastructure. Drag and drop the report title from the left onto the expected results when the report is generated on the right.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 90

A customer wants the access points in the CEO's office to have different usernames and passwords for administrative support than the other access points deployed throughout the facility. Which feature can be enabled on the WLC and access points to achieve this criteria?

- A. Override global credentials
- B. HTTPS access
- C. 802.1x supplicant credentials
- D. local management users

Answer: D

Explanation:

You can configure administrator usernames and passwords to prevent unauthorized users from reconfiguring the switch and viewing configuration information. This section provides instructions for initial configuration and for password recovery. You can also set administrator usernames and passwords to manage and configure one or more access points that are associated with the switch. https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3650/software/release/16-1/configuration_guide/b_161_consolidated_3650_cg/b_161_consolidated_3650_cg_chapter_01010111.pdf

NEW QUESTION 91

WPA2 Enterprise with 802.1x is being used for clients to authenticate to a wireless network through an ISE server. For security reasons, the network engineer wants to ensure only PEAP authentication can be used. The engineer sent instructions to clients on how to configure their supplicants, but users are still in the ISE logs authenticating using EAP-FAST. Which option describes the most efficient way the engineer can ensure these users cannot access the network unless the correct authentication mechanism is configured?

- A. Enable AAA override on the SSID, gather the usernames of these users, and disable their RADIUS accounts until they make sure they correctly configured their devices.
- B. Enable AAA override on the SSID and configure an access policy in ACS that denies access to the list of MACs that have used EAP-FAST.
- C. Enable AAA override on the SSID and configure an access policy in ACS that allows access only when the EAP authentication method is PEAP.
- D. Enable AAA override on the SSID and configure an access policy in ACS that puts clients that authenticated using EAP-FAST into a quarantine VLAN.

Answer: C

NEW QUESTION 93

A network engineer must segregate all iPads on the guest WLAN to a separate VLAN. How does the engineer accomplish this task without using ISE?

- A. Use 802.1x authentication to profile the devices.
- B. Create a local policy on the WLC.
- C. Use an mDNS profile for the iPad device.
- D. Enable RADIUS DHCP profiling on the WLAN.

Answer: B

NEW QUESTION 97

You are configuring a Cisco WLC version 8.0. Which two options do you find on the Layer 3 Security tab? (Choose two.)

- A. 802.1x
- B. Authentication
- C. Passthrough
- D. CKIP
- E. WPA+WPA2

Answer: BC

Explanation:

From the Layer 3 Security drop-down list, choose one of the following: None?Layer 3 security is disabled.

Web Authentication?Causes users to be prompted for a username and password when connecting to the wireless network. This is the default value.

Web Passthrough?Allows users to access the network without entering a username and password.

https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-3/configguide/b_cg83/b_cg83_chapter_0100111.html

NEW QUESTION 100

An engineer is configuring EAP-TLS with a client trusting server model and has configured a public root certification authority. Which action does this allow?

- A. specifies a second certification authority to trust
- B. utilizes two subcertification authority servers
- C. creates a PKI infrastructure
- D. validates the AAA server

Answer: D

Explanation:

To support EAP-TLS, the AAA server (for example, Cisco Secure ACS) must have a certificate. Either a public certification authority or a private certification authority can be used to issue the AAA server certificate. The AAA server will trust a client certificate that was issued from the same root certification authority that issued its certificate.

https://www.cisco.com/en/US/tech/ CK7 22/ CK8 09/technologies_white_paper09186a008009256b.sht ml

NEW QUESTION 104

While deploying PEAP authentication on a customer laptop with the native Windows supplicant, the PEAP security options do not appear. Which option describes what must be done?

- A. Enable automatic connection to the WLAN.
- B. Enable static DNS on the WLAN.
- C. Enable AES on the WLAN settings.
- D. Enable WLAN autoconfig services on the P

Answer: C

NEW QUESTION 106

An engineer is configuring a BYOD provisioning WLAN. Which two advanced WLAN settings are required? (Choose two)

- A. DHCP profiling
- B. DHCP address assignment
- C. passive client

- D. RADIUS NAC
- E. AAA override

Answer: DE

Explanation:

Allow AAA Override: Enabled NAC State: Radius NAC (selected)

<https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/113476-wireless-byod-ise-00.html>

NEW QUESTION 107

Which three methods are valid for guest wireless using web authentication? (Choose three.)

- A. LDAP
- B. SSL
- C. local
- D. TLS
- E. EAP-TLS
- F. RADIUS

Answer: ACF

Explanation:

There are three ways to authenticate users when you use web authentication. Local authentication allows you to authenticate the user in the Cisco WLC. You can also use an external RADIUS server or a LDAP server as a backend database in order to authenticate the users.

<https://www.sslshopper.com/ssl-certificate-not-trusted-error.html>

NEW QUESTION 111

Which two requirements must be met to ensure that Cisco ISE can join the Active Directory domain of the company. (Choose two.)

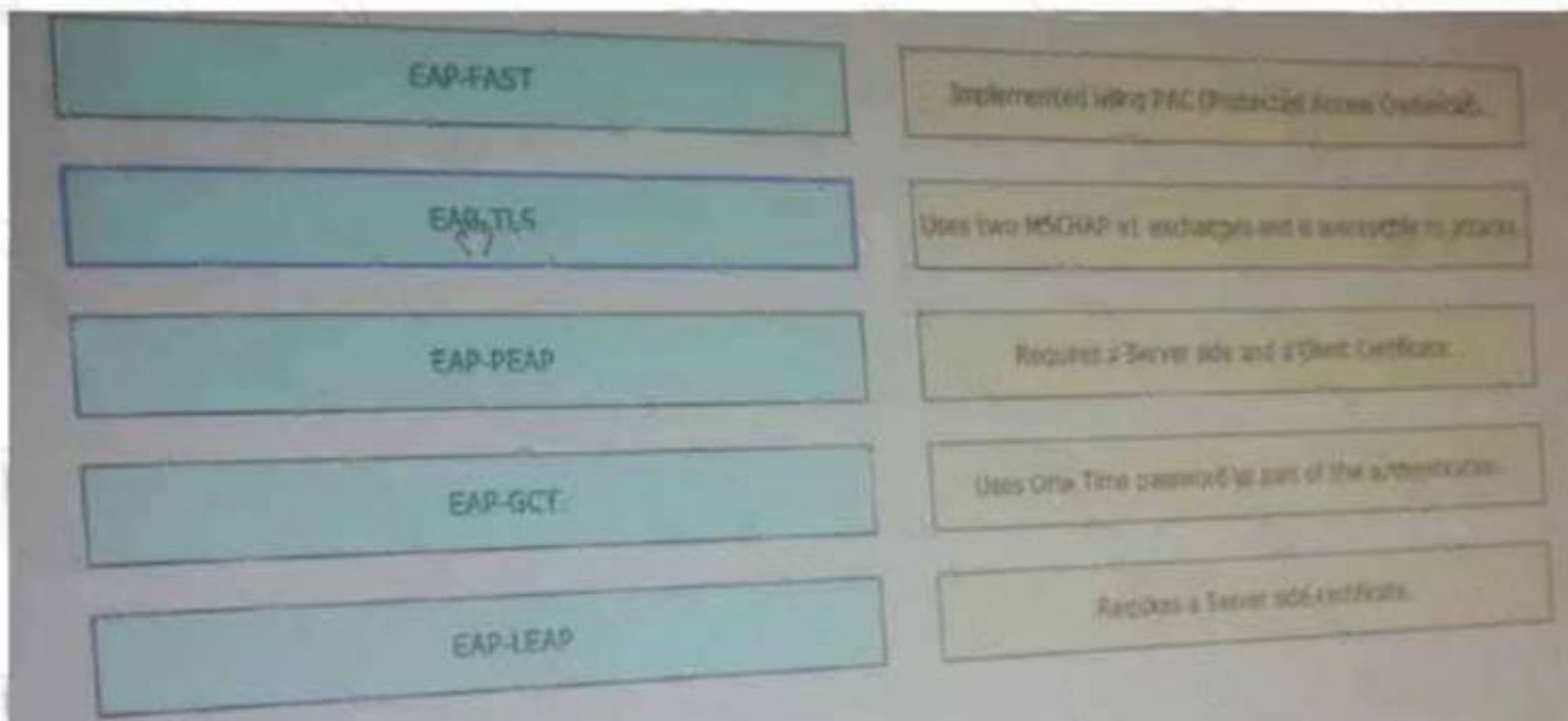
- A. If a firewall exists between Cisco ISE and Active Directory domain server, these ports are allowed through UDP 69, 123, and 389; and TCP 88, 389, 445, 464, 636, 3268, and 3269.
- B. The hostname of Cisco ISE is less than 20 characters in length.
- C. An account has been created in Active Directory for Cisco ISE that has the necessary permissions.
- D. The DNS name is configured on Cisco ISE and resolved on the Active Directory domain server
- E. Time synchronization between Cisco ISE and Active Directory must be within 10 minute

Answer: CD

NEW QUESTION 115

DRAG DROP

Drag the EAP Authentication type on the left to the accurate description provided on the right



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<u>eap-fast</u>	implemented using pac
<u>eap-tls</u>	requires a server side certificate
<u>eap-peap</u>	uses one time password as part of the authentication
<u>eap-leap</u>	requires a server side and a client certificate
<u>eap-gtc</u>	uses two MSCHAP v1 exchanges and is susceptible to attacks

NEW QUESTION 116

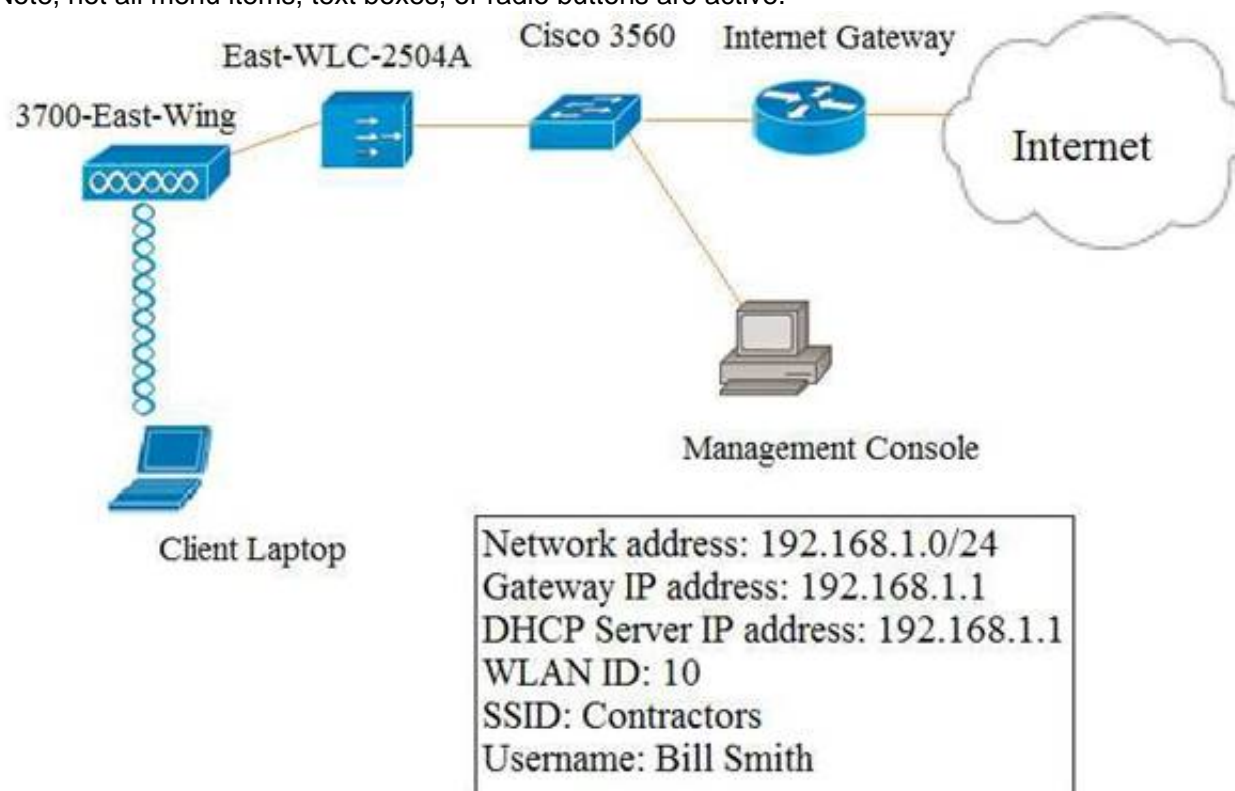
Scenario

Local Web Auth has been configured on the East-WLC-2504A, but it is not working. Determine which actions must be taken to restore the Local Web Auth service.

The Local Web Auth service must operate only with the Contractors WLAN.

Contractors WLAN ID – 10 Employees WLAN ID - 2

Note, not all menu items, text boxes, or radio buttons are active.



Virtual Terminal



Summary

5 Access Points Supported



Controller Summary

Management IP Address	192.168.1.99, 255.255.255.0/24
Software Version	0.0.110.0
Field Recovery Image Version	7.6.101.1
System Name	WLC1-2504A
Up Time	0 days, 5 hours, 14 minutes
System Time	Wed, Feb 11 15:38:52 2015
Redundancy Mode	N/A
Internal Temperature	+ 27C
802.11a Network State	Enabled
802.11b/g Network State	Enabled
Local Mobility Group	testlab
CPU(s) Usage	0%
Individual CPU Usage	0%/1%, 0%/2%
Memory Usage	50%

Access Point Summary

	Total	Up	Down	
802.11a/n/ac Radios	1	1	0	Detail
802.11b/g/n Radios	1	1	0	Detail
Dual-Band Radios	0	0	0	Detail
All APs	1	1	0	Detail

Client Summary

Current Clients	0 Detail
Excluded Clients	0 Detail
Disabled Clients	0 Detail

WLAN ID	Type	Profile Name	WLAN SSID	Admin Status	Security Policies
1	WLAN	TestWLAN	TestWLAN	Enabled	[WPA2][Auth(802.1X)]
2	WLAN	Contractors	Contractors	Enabled	[WPA2][Auth(802.1X)]
8	WLAN	Marketing	Marketing	Enabled	[WPA2][Auth(802.1X)]
9	WLAN	Engineering	Engineering	Enabled	[WPA2][Auth(802.1X)]
10	WLAN	Employees	Employees	Enabled	[WPA2][Auth(802.1X)]

MONITOR WLANs **CONTROLLER** WIRELESS SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

General

Name	East-WLC-2504A	
802.3x Flow Control Mode	Disabled ▾	
LAG Mode on next reboot	Disabled ▾	(LAG Mode is currently disabled)
Broadcast Forwarding	Disabled ▾	
AP Multicast Mode ¹	Multicast ▾	237.1.1.1 Multicast Group Address
AP IPv6 Multicast Mode ²	Multicast ▾	:: IPv6 Multicast Group Address
AP Fallback	Enabled ▾	
CAPWAP Preferred Mode	ipv4 ▾	
Fast SSID change	Disabled ▾	
Link Local Bridging	Disabled ▾	
Default Mobility Domain Name	testlab	
RF Group Name	testlab	
User Idle Timeout (seconds)	300	
ARP Timeout (seconds)	300	

MONITOR WLANs **CONTROLLER** **WIRELESS** SECURITY MANAGEMENT COMMANDS HELP FEEDBACK

11 APs

Current Filter: None [Change Filter] [Clear Filter]

Number of APs: 2

AP Name	IP Address(Ipv4/Ipv6)	AP Model	AP MAC	AP Up Time	Admin Status	Operational Status	PoE Status	No of Clients	Port	AP Mode
3700-East-Wing	192.168.1.128	AIR-CAP37021-A-K9	88:38:61:81:04:6c	0 d, 01 h 07 m 15 s	Enabled	REG	PoE/Full Power	0	1	Local

CONTROLLER WIRELESS **SECURITY** MANAGEMENT COMMANDS HELP FEEDBACK

General

Maximum Local Database entries (on next reboot). (Current Maximum is 2048)

Number of entries, already used

Which four changes must be made to configuration parameters to restore the Local Web Auth feature on the East-WLC-2504A? Assume the passwords are correctly entered as “ciscotest”. (Choose four.)

- A. Remove the existing Local Net User Bill Smith and add a New Local Net User “Bill Smith” password “ciscotest”, WLAN Profile “Contractors”.
- B. Remove WLAN 10 and WLAN 2, replace WLAN 10 with Profile Name Employees and SSID Contractors;replace WLAN 2 with Profile Name Employees and SSID Employees.
- C. Remove WLAN 10 and WLAN 2, replace WLAN 10 with Profile Name Contractors and SSID Contractors, replace WLAN 2 with Profile Name Employees and SSID Employees.
- D. Change the Layer 2 security to None on the Contractors WLAN.
- E. Under Layer 3 Security, change the Layer 3 Security to Web Policy on the Contractors WLAN.
- F. Under Security Local Net Users add a New Local Net User “Bill Smith” password “Cisco”, interface/ Interface Group “east-wing”.
- G. Change the Layer 2 Security to None + EAP Pass-through on the Contractors WLAN.
- H. Under WLANs > Edit “Contractors” change the interface/Interface group to “east-wing”.

Answer: CEFG

NEW QUESTION 119

Which two fast roaming algorithms will allow a WLAN client to roam to a new AP and re-establish a new session key without a full reauthentication of the WLAN client? (Choose two.)

- A. PKC
- B. GTK
- C. PMK
- D. PTK
- E. CKM

Answer: AE

NEW QUESTION 124

Which condition introduce security risk to a BYOD policy?

- A. enterprise-managed MDM platform used for personal devices
- B. access to LAN without implementing MDM solution
- C. enforcement of BYOD access to internet only network
- D. enterprise life-cycle enforcement of personal device refresh

Answer: B

NEW QUESTION 128

An engineer is adding APs to an existing VoWLAN to allow for location based services. Which option will the primary change be to the network?

- A. increased transmit power on all APs
- B. moving to a bridging model
- C. AP footprint
- D. cell overlap would decrease
- E. triangulation of devices

Answer: C

NEW QUESTION 131

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