

**BrainDumps.300-208**

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**Exam A****QUESTION 1**

Wireless client supplicants attempting to authenticate to a wireless network are generating excessive log messages. Which three WLC authentication settings should be disabled? (Choose three.)

- A. RADIUS Server Timeout
- B. RADIUS Aggressive-Failover
- C. Idle Timer
- D. Session Timeout
- E. Client Exclusion
- F. Roaming

**Correct Answer:** BCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 2**

Which two authentication stores are supported to design a wireless network using PEAP EAP- MSCHAPv2 as the authentication method? (Choose two.)

- A. Microsoft Active Directory
- B. ACS
- C. LDAP
- D. RSA Secure-ID
- E. Certificate Server

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 3**

What is another term for 802.11i wireless network security?

- A. 802.1x

- B. WEP
- C. TKIP
- D. WPA
- E. WPA2

**Correct Answer:** E

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 4**

Which two EAP types require server side certificates? (Choose two.)

- A. EAP-TLS
- B. PEAP
- C. EAP-MD5
- D. LEAP
- E. EAP-FAST
- F. MSCHAPv2

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 5**

Where is client traffic decrypted in a controller-based wireless network protected with WPA2 Security?

- A. Access Point
- B. Switch
- C. Wireless LAN Controller
- D. Authentication Server

**Correct Answer:** A

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 6**

Which setting provides the best security for a WLAN and authenticates users against a centralized directory store?

- A. WPA2 AES-CCMP and 801.X authentication
- B. WPA2 AES-CCMP and PSK authentication
- C. WPA2 TKIP and PSK authentication
- D. WPA2 TKIP and 802.1X authentication

**Correct Answer:** A

**Section:** (none)

**Explanation****Explanation/Reference:**

answer is updated.

**QUESTION 7**

What is a feature of Cisco WLC and IPS synchronization?

- A. Cisco WLC populates the ACLs to prevent repeat intruder attacks.
- B. The IPS automatically send shuns to Cisco WLC for an active host block.
- C. Cisco WLC and IPS synchronization enables faster wireless access.
- D. IPS synchronization uses network access points to provide reliable monitoring.

**Correct Answer:** B

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 8**

Which two components are required to connect to a WLAN network that is secured by EAP-TLS authentication? (Choose two.)

- A. Kerberos authentication server
- B. AAA/RADIUS server

- C. PSKs
- D. CA server

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 9**

Which statement about Cisco Management Frame Protection is true?

- A. It enables stations to remain in power-save mode, except at specified intervals to receive data from the access point.
- B. It detects spoofed MAC addresses.
- C. It identifies potential RF jamming attacks.
- D. It protects against frame and device spoofing.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 10**

Which three statements about the Cisco wireless IPS solution are true? (Choose three.)

- A. It enables stations to remain in power-save mode, except at specified intervals to receive data from the access point.
- B. It detects spoofed MAC addresses.
- C. It identifies potential RF jamming attacks.
- D. It protects against frame and device spoofing.
- E. It allows the WLC to failover because of congestion.

**Correct Answer:** BCD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 11**

In a basic ACS deployment consisting of two servers, for which three tasks is the primary server responsible? (Choose three.)

- A. configuration
- B. authentication
- C. sensing
- D. policy requirements
- E. monitoring
- F. repudiation

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 12**

In a split ACS deployment with primary and secondary servers, which three statements about AAA load handling are true? (Choose three.)

- A. During normal operations, each server processes the full workload of both servers.
- B. If a AAA connectivity problem occurs, the servers split the full load of authentication requests.
- C. If a AAA connectivity problem occurs, each server processes the full workload of both servers.
- D. During normal operations, the servers split the full load of authentication requests.
- E. During normal operations, each server is used for specific operations, such as device administration and network admission.
- F. The primary servers are used to distribute policy information to other servers in the enterprise.

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 13**

Which three personas can a Cisco ISE assume in a deployment? (Choose three.)

- A. connection
- B. authentication

- C. administration
- D. testing
- E. policy service
- F. monitoring

**Correct Answer:** CEF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 14

Which three components comprise the Cisco ISE profiler? (Choose three.)

- A. the sensor, which contains one or more probes
- B. the probe manager
- C. a monitoring tool that connects to the Cisco ISE
- D. the trigger, which activates ACLs
- E. an analyzer, which uses configured policies to evaluate endpoints
- F. a remitter tool, which fails over to redundant profilers

**Correct Answer:** ABE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 15

Which three statements about the Cisco ISE profiler are true? (Choose three.)

- A. It sends endpoint data to AAA servers.
- B. It collects endpoint attributes.
- C. It stores MAC addresses for endpoint systems.
- D. It monitors and polices router and firewall traffic.
- E. It matches endpoints to their profiles.
- F. It stores endpoints in the Cisco ISE database with their profiles.

**Correct Answer:** BEF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 16**

From which location can you run reports on endpoint profiling?

- A. Reports > Operations > Catalog > Endpoint
- B. Operations > Reports > Catalog > Endpoint
- C. Operations > Catalog > Reports > Endpoint
- D. Operations > Catalog > Endpoint

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 17**

Which two services are included in the Cisco ISE posture service? (Choose two.)

- A. posture administration
- B. posture run-time
- C. posture monitoring
- D. posture policing
- E. posture catalog

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 18**

What is a requirement for posture administration services in Cisco ISE?



- A. at least one Cisco router to store Cisco ISE profiling policies
- B. Cisco NAC Agents that communicate with the Cisco ISE server
- C. an ACL that points traffic to the Cisco ISE deployment
- D. the advanced license package must be installed

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 19**

Which two statements about Cisco NAC Agents that are installed on clients that interact with the Cisco ISE profiler are true? (Choose two.)

- A. They send endpoint data to AAA servers.
- B. They collect endpoint attributes.
- C. They interact with the posture service to enforce endpoint security policies.
- D. They block access from the network through noncompliant endpoints.
- E. They store endpoints in the Cisco ISE with their profiles.
- F. They evaluate clients against posture policies, to enforce requirements.

**Correct Answer:** CF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 20**

What steps must you perform to deploy a CA-signed identify certificate on an ISE device?

- A.
  1. Download the CA server certificate.
  2. Generate a signing request and save it as a file.
  3. Access the CA server and submit the ISE request.
  4. Install the issued certificate on the ISE.
- B.
  1. Download the CA server certificate.
  2. Generate a signing request and save it as a file.
  3. Access the CA server and submit the ISE request.
  4. Install the issued certificate on the CA server.

- C. 1. Generate a signing request and save it as a file.  
2. Download the CA server certificate.  
3. Access the ISE server and submit the CA request.  
4. Install the issued certificate on the CA server.
- D. 1. Generate a signing request and save it as a file.  
2. Download the CA server certificate.  
3. Access the CA server and submit the ISE request.  
4. Install the issued certificate on the ISE.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 21**

What implementation must be added to the WLC to enable 802.1X and CoA for wireless endpoints?

- A. the ISE
- B. an ACL
- C. a router
- D. a policy server

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 22**

What are the initial steps must you perform to add the ISE to the WLC?

- A. 1. With a Web browser, establish an HTTP connection to the WLC pod.  
2. Navigate to Administration > Authentication > New.  
3. Enter server values to begin the configuration.
- B. 1. With a Web browser, establish an FTP connection to the WLC pod.  
2. Navigate to Security > Administration > New.  
3. Add additional security features for FTP authentication.
- C. 1. With a Web browser, establish an HTTP connection to the WLC pod.

2. Navigate to Authentication > New.
  3. Enter ACLs and Authentication methods to begin the configuration.
- D. 1. With a Web browser connect, establish an HTTPS connection to the WLC pod.
2. Navigate to Security > Authentication > New.
  3. Enter server values to begin the configuration.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 23

Which command configures console port authorization under line con 0?

- A. authorization default|WORD
- B. authorization exec line con 0|WORD
- C. authorization line con 0|WORD
- D. authorization exec default|WORD

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

corrected and modified.

#### QUESTION 24

Which two statements about administrative access to the ACS Solution Engine are true? (Choose two.)

- A. The ACS Solution Engine supports command-line connections through a serial-port connection.
- B. For GUI access, an administrative GUI user must be created with the add-guiadmin command.
- C. The ACS Solution Engine supports command-line connections through an Ethernet interface.
- D. An ACL-based policy must be configured to allow administrative-user access.
- E. GUI access to the ACS Solution Engine is not supported.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 25**

What is the purpose of the Cisco ISE Guest Service Sponsor Portal?

- A. It tracks and stores user activity while connected to the Cisco ISE.
- B. It securely authenticates guest users for the Cisco ISE Guest Service.
- C. It filters guest users from account holders to the Cisco ISE.
- D. It creates and manages Guest User accounts.

**Correct Answer: D**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 26**

What is the effect of the ip http secure-server command on a Cisco ISE?

- A. It enables the HTTP server for users to connect on the command line.
- B. It enables the HTTP server for users to connect using Web-based authentication.
- C. It enables the HTTPS server for users to connect using Web-based authentication.
- D. It enables the HTTPS server for users to connect on the command line.

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

When RADIUS NAC and AAA Override are enabled for WLC on a Cisco ISE, which two statements about RADIUS NAC are true? (Choose two.)

- A. It will return an access-accept and send the redirection URL for all users.
- B. It establishes secure connectivity between the RADIUS server and the ISE.
- C. It allows the ISE to send a CoA request that indicates when the user is authenticated.

- D. It is used for posture assessment, so the ISE changes the user profile based on posture result.
- E. It allows multiple users to authenticate at the same time.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 28**

What are the initial steps to configure an ACS as a TACACS server?

- A. 1. Choose Network Devices and AAA Clients > Network Resources.  
2. Click Create.
- B. 1. Choose Network Resources > Network Devices and AAA Clients.  
2. Click Create.
- C. 1. Choose Network Resources > Network Devices and AAA Clients.  
2. Click Manage.
- D. 1. Choose Network Devices and AAA Clients > Network Resources.  
2. Click Install.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 29**

Which two statements about administrative access to the Cisco Secure ACS SE are true? (Choose two.)

- A. The Cisco Secure ACS SE supports command-line connections through a serial-port connection.
- B. For GUI access, an administrative GUI user must be created by using the add-guiadmin command.
- C. The Cisco Secure ACS SE supports command-line connections through an Ethernet interface.
- D. An ACL-based policy must be configured to allow administrative-user access.
- E. GUI access to the Cisco Secure ASC SE is not supported.

**Correct Answer:** BD

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 30**

When RADIUS NAC and AAA Override are enabled for a WLC on a Cisco ISE, which two statements about RADIUS NAC are true? (Choose two.)

- A. It returns an access-accept and sends the redirection URL for all users.
- B. It establishes secure connectivity between the RADIUS server and the Cisco ISE.
- C. It allows the Cisco ISE to send a CoA request that indicates when the user is authenticated.
- D. It is used for posture assessment, so the Cisco ISE changes the user profile based on posture result.
- E. It allows multiple users to authenticate at the same time.

**Correct Answer:** CD

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 31**

In the command 'aaa authentication default group tacacs local', how is the word 'default' defined?

- A. Command set
- B. Group name
- C. Method list
- D. Login type

**Correct Answer:** C

**Section:** (none)

**Explanation****Explanation/Reference:****QUESTION 32**

In an 802.1X authorization process, a network access device provides which three functions? (Choose three.)

- A. Filters traffic prior to authentication

- B. Passes credentials to authentication server
- C. Enforces policy provided by authentication server
- D. Hosts a central web authentication page
- E. Confirms supplicant protocol compliance
- F. Validates authentication credentials

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 33

Which two switchport commands enable MAB and allow non-802.1X capable devices to immediately run through the MAB process? (Choose two.)

- A. authentication order mab dot1x
- B. authentication order dot1x mab
- C. no authentication timer
- D. dot1x timeout tx-period
- E. authentication open
- F. mab

**Correct Answer:** AF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 34

Which two attributes must match between two Cisco ASA devices to properly enable high availability? (Choose two.)

- A. model, interface configuration, and RAM
- B. major and minor software release
- C. tcp dead-peer detection protocol
- D. 802.1x authentication identity

**Correct Answer:** AB

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 35**

What are two client-side requirements of the NAC Agent and NAC Web Agent installation? (Choose two.)

- A. Administrator workstation rights
- B. Active Directory Domain membership
- C. Allowing of web browser activex installation
- D. WSUS service running

**Correct Answer: AC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 36**

Which three algorithms should be avoided due to security concerns? (Choose three.)

- A. DES for encryption
- B. SHA-1 for hashing
- C. 1024-bit RSA
- D. AES GCM mode for encryption
- E. HMAC-SHA-1
- F. 256-bit Elliptic Curve Diffie-Hellman
- G. 2048-bit Diffie-Hellman

**Correct Answer: ABC**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 37**



In the command 'aaa authentication default group tacacs local', how is the word 'default' defined?

- A. Command set
- B. Group name
- C. Method list
- D. Login type

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 38

Which statement about IOS accounting is true?

- A. A named list of AAA methods must be defined.
- B. A named list of accounting methods must be defined.
- C. Authorization must be configured before accounting.
- D. A named list of tracking methods must be defined.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 39

What are the initial steps to configure an ACS as a TACACS server?

- A. 1. Choose Network Devices and AAA Clients > Network Resources.  
2. Click Create.
- B. 1. Choose Network Resources > Network Devices and AAA Clients.  
2. Click Create.
- C. 1. Choose Network Resources > Network Devices and AAA Clients.  
2. Click Manage.
- D. 1. Choose Network Devices and AAA Clients > Network Resources.  
2. Click Install.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 40**

Which effect does the ip http secure-server command have on a Cisco ISE?

- A. It enables the HTTP server for users to connect on the command line.
- B. It enables the HTTP server for users to connect by using web-based authentication.
- C. It enables the HTTPS server for users to connect by using web-based authentication.
- D. It enables the HTTPS server for users to connect on the command line.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 41**

The NAC Agent v4.9.x uses which ports and protocols to communicate with an ISE Policy Service Node?

- A. tcp/8905, http/80, ftp/21
- B. tcp/8905, http/80, https/443
- C. udp/8905, telnet/23, https/443
- D. udp/8906, http/80, https/443

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 42**

Which two are valid ISE posture conditions? (Choose two.)

- A. Dictionary
- B. memberOf
- C. Profile status
- D. File
- E. Service

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 43**

A network engineer is configuring HTTP based CWA on a switch. Which three configuration elements are required? (Choose three.)

- A. HTTP server enabled
- B. Radius authentication on the port with MAB
- C. Redirect access-list
- D. Redirect-URL
- E. HTTP secure server enabled
- F. Radius authentication on the port with 802.1x
- G. Pre-auth port based access-list

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 44**

Which three statements describe differences between TACACS+ and RADIUS? (Choose three.)

- A. RADIUS encrypts the entire packet, while TACACS+ encrypts only the password.
- B. TACACS+ encrypts the entire packet, while RADIUS encrypts only the password.
- C. RADIUS uses TCP, while TACACS+ uses UDP.
- D. TACACS+ uses TCP, while RADIUS uses UDP.
- E. RADIUS uses ports 1812 and 1813, while TACACS+ uses port 49.

F. TACACS+ uses ports 1812 and 1813, while RADIUS uses port 49

**Correct Answer:** BDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 45**

Which two identity store options allow you to authorize based on group membership? (Choose two).

- A. Lightweight Directory Access Protocol
- B. RSA SecurID server
- C. RADIUS
- D. Active Directory

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 46**

What attribute could be obtained from the SNMP query probe?

- A. FQDN
- B. CDP
- C. DHCP class identifier
- D. User agent

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 47**

What is a required configuration step for an 802.1X capable switch to support dynamic VLAN and ACL assignments?

- A. Configure the VLAN assignment.
- B. Configure the ACL assignment.
- C. Configure 802.1X authenticator authorization.
- D. Configure port security on the switch port.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 48**

Which network component would issue the CoA?

- A. switch
- B. endpoint
- C. Admin Node
- D. Policy Service Node

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 49**

What steps must you perform to deploy a CA-signed identity certificate on an ISE device?

- A.
  - 1. Download the CA server certificate and install it on ISE.
  - 2. Generate a signing request and save it as a file.
  - 3. Access the CA server and submit the CA request.
  - 4. Install the issued certificate on the ISE.
- B.
  - 1. Download the CA server certificate and install it on ISE.
  - 2. Generate a signing request and save it as a file.
  - 3. Access the CA server and submit the CSR.
  - 4. Install the issued certificate on the CA server.
- C.
  - 1. Generate a signing request and save it as a file.

- 2. Download the CA server certificate and install it on ISE.
  - 3. Access the ISE server and submit the CA request.
  - 4. Install the issued certificate on the CA server.
- D. 1. Generate a signing request and save it as a file.
- 2. Download the CA server certificate and install it on ISE.
  - 3. Access the CA server and submit the CSR.
  - 4. Install the issued certificate on the ISE.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 50

An organization has recently deployed ISE with Trustsec capable Cisco switches and would like to allow differentiated network access based on user groups. Which solution is most suitable for achieving these goals?

- A. Cyber Threat Defense for user group control by leveraging Netflow exported from the Cisco switches and identity information from ISE
- B. MACsec in Multiple-Host Mode in order to encrypt traffic at each hop of the network infrastructure
- C. Identity-based ACLs preconfigured on the Cisco switches with user identities provided by ISE
- D. Cisco Security Group Access Policies to control access based on SGTs assigned to different user groups

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 51

Which three are required steps to enable SXP on a Cisco ASA? (Choose three).

- A. configure AAA authentication
- B. configure password
- C. issue the aaa authorization command aaa-server group command
- D. configure a peer
- E. configure TACACS
- F. issue the cts sxp enable command

**Correct Answer:** BDF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 52**

Which three network access devices allow for static security group tag assignment? (Choose three.)

- A. intrusion prevention system
- B. access layer switch
- C. data center access switch
- D. load balancer
- E. VPN concentrator
- F. wireless LAN controller

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 53**

Which option is required for inline security group tag propagation?

- A. Cisco Secure Access Control System
- B. hardware support
- C. Security Group Tag Exchange Protocol (SXP) v4
- D. Cisco Identity Services Engine

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 54**

Which two fields are characteristics of IEEE 802.1AE frame? (Choose two.)

- A. destination MAC address
- B. source MAC address
- C. 802.1AE header in EtherType
- D. security group tag in EtherType
- E. integrity check value
- F. CRC/FCS

**Correct Answer:** CE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 55**

Which two options are valid for configuring IEEE 802.1AE MACSec between switches in a TrustSec network? (Choose two.)

- A. manually on links between supported switches
- B. in the Cisco Identity Services Engine
- C. in the global configuration of a TrustSec non-seed switch
- D. dynamically on links between supported switches
- E. in the Cisco Secure Access Control System
- F. in the global configuration of a TrustSec seed switch

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 56**

Which three pieces of information can be found in an authentication detail report? (Choose three.)

- A. DHCP vendor ID
- B. user agent string



- C. the authorization rule matched by the endpoint
- D. the EAP method the endpoint is using
- E. the RADIUS username being used
- F. failed posture requirement

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 57**

Certain endpoints are missing DHCP profiling data.

Which option describes what can be used to determine if DHCP requests from clients are reaching Cisco ISE?

- A. output of show interface gigabitEthernet 0 from the CLI
- B. output of debug logging all 7 from the CLI
- C. output of show logging application profiler.log from the CLI
- D. the TCP dump diagnostic tool through the GUI
- E. the posture troubleshooting diagnostic tool through the GUI

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 58**

Which debug command on a Cisco WLC shows the reason that a client session was terminated?

- A. debug dot11 state enable
- B. debug dot1x packet enable
- C. debug client mac addr
- D. debug dtls event enable
- E. debug ap enable cisco ap

**Correct Answer:** C

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 59**

Which two identity databases are supported when PEAP-MSCHAPv2 is used as EAP type? (Choose two.)

- A. Windows Active Directory
- B. LDAP
- C. RADIUS token server
- D. internal endpoint store
- E. internal user store
- F. certificate authentication profile
- G. RSA SecurID

**Correct Answer: AE**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 60**

Which two Cisco Catalyst switch interface commands allow only a single voice device and a single data device to be connected to the IEEE 802.1X-enabled interface? (Choose two.)

- A. authentication host-mode single-host
- B. authentication host-mode multi-domain
- C. authentication host-mode multi-host
- D. authentication host-mode multi-auth

**Correct Answer: AB**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 61**

Which RADIUS attribute is used primarily to differentiate an IEEE 802.1x request from a Cisco MAB request?

- A. RADIUS Attribute (5) NAS-Port
- B. RADIUS Attribute (6) Service-Type
- C. RADIUS Attribute (7) Framed-Protocol
- D. RADIUS Attribute (61) NAS-Port-Type

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 62**

Which authorization method is the Cisco best practice to allow endpoints access to the Apple App store or Google Play store with Cisco WLC software version 7.6 or newer?

- A. dACL
- B. DNS ACL
- C. DNS ACL defined in Cisco ISE
- D. redirect ACL

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 63**

Which time allowance is the minimum that can be configured for posture reassessment interval?

- A. 5 minutes
- B. 20 minutes
- C. 60 minutes
- D. 90 minutes

**Correct Answer:** C

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 64**

Which advanced authentication setting is needed to allow an unknown device to utilize Central WebAuth?

- A. If Authentication failed > Continue
- B. If Authentication failed > Drop
- C. If user not found > Continue
- D. If user not found > Reject

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 65**

Which option restricts guests from connecting more than one device at a time?

- A. Guest Portal policy > Set Device registration portal limit
- B. Guest Portal Policy > Set Allow only one guest session per user
- C. My Devices Portal > Set Maximum number of devices to register
- D. Multi-Portal Policy > Guest users should be able to do device registration

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 66**

In Cisco ISE, which two actions can be taken based on matching a profiler policy? (Choose two).

- A. exception

- B. network scan (NMAP)
- C. delete endpoint
- D. automatically remediate
- E. create matching identity group

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 67**

Which statement about the Cisco ISE BYOD feature is true?

- A. Use of SCEP/CA is optional.
- B. BYOD works only on wireless access.
- C. Cisco ISE needs to integrate with MDM to support BYOD.
- D. Only mobile endpoints are supported.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 68**

What user rights does an account need to join ISE to a Microsoft Active Directory domain?

- A. Create and Delete Computer Objects
- B. Domain Admin
- C. Join and Leave Domain
- D. Create and Delete User Objects

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 69**

A network administrator must enable which protocol to utilize EAP-Chaining?

- A. EAP-FAST
- B. EAP-TLS
- C. MSCHAPv2
- D. PEAP

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 70**

The corporate security policy requires multiple elements to be matched in an authorization policy. Which elements can be combined to meet the requirement?

- A. Device registration status and device activation status
- B. Network access device and time condition
- C. User credentials and server certificate
- D. Built-in profile and custom profile

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 71**

A network administrator needs to determine the ability of existing network devices to deliver key BYOD services. Which tool will complete a readiness assessment and outline hardware and software capable and incapable devices?

- A. Prime Infrastructure
- B. Network Control System
- C. Cisco Security Manager

D. Identity Services Engine

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 72**

Which EAP method uses a modified version of the MS-CHAP authentication protocol?

- A. EAP-POTP
- B. EAP-TLS
- C. LEAP
- D. EAP-MD5

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 73**

Under which circumstance would an inline posture node be deployed?

- A. When the NAD does not support CoA
- B. When the NAD cannot support the number of connected endpoints
- C. When a PSN is overloaded
- D. To provide redundancy for a PSN

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 74**

Which Cisco ISE 1.x protocol can be used to control admin access to network access devices?

- A. TACACS+
- B. RADIUS
- C. EAP
- D. Kerberos

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 75**

A user is on a wired connection and the posture status is noncompliant.

Which state will their EPS session be placed in?

- A. disconnected
- B. limited
- C. no access
- D. quarantined

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 76**

Which three posture states can be used for authorization rules? (Choose three.)

- A. unknown
- B. known
- C. noncompliant
- D. quarantined
- E. compliant
- F. no access



G. limited

**Correct Answer:** ACE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 77**

Which two Cisco ISE administration options are available in the Default Posture Status setting? (Choose two.)

- A. Unknown
- B. Compliant
- C. FailOpen
- D. FailClose
- E. Noncompliant

**Correct Answer:** BE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 78**

Which two portals can be configured to use portal FQDN? (Choose two.)

- A. admin
- B. sponsor
- C. guest
- D. my devices
- E. monitoring and troubleshooting

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 79**

Which five portals are provided by PSN? (Choose five.)

- A. guest
- B. sponsor
- C. my devices
- D. blacklist
- E. client provisioning
- F. admin
- G. monitoring and troubleshooting

**Correct Answer:** ABCDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Answer: A, B, C, D, E

**QUESTION 80**

When you add a new PSN for guest access services, which two options must be enabled under deployment settings? (Choose two.)

- A. Admin
- B. Monitoring
- C. Policy Service
- D. Session Services
- E. Profiling

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 81**

In Cisco ISE, which probe must be enabled to collect profiling data using Device Sensor?

- A. RADIUS
- B. SNMPQuery

- C. SNMPTrap
- D. Network Scan
- E. Syslog

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 82**

Which two profile attributes can be collected by a Cisco Catalyst Switch that supports Device Sensor? (Choose two.)

- A. LLDP agent information
- B. user agent
- C. DHCP options
- D. open ports
- E. operating system
- F. trunk ports

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 83**

Which two profile attributes can be collected by a Cisco Wireless LAN Controller that supports Device Sensor? (Choose two.)

- A. LLDP agent information
- B. user agent
- C. DHCP options
- D. open ports
- E. CDP agent information
- F. FQDN

**Correct Answer:** BC

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 84**

Which statement about Cisco ISE BYOD is true?

- A. Dual SSID allows EAP-TLS only when connecting to the secured SSID.
- B. Single SSID does not require endpoints to be registered.
- C. Dual SSID allows BYOD for guest users.
- D. Single SSID utilizes open SSID to accommodate different types of users.
- E. Single SSID allows PEAP-MSCHAPv2 for native supplicant provisioning.

**Correct Answer: E**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 85**

Which two types of client provisioning resources are used for BYOD implementations? (Choose two.)

- A. user agent
- B. Cisco NAC agent
- C. native supplicant profiles
- D. device sensor
- E. software provisioning wizards

**Correct Answer: CE**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 86**

Which protocol sends authentication and accounting in different requests?

- A. RADIUS
- B. TACACS+
- C. EAP-Chaining
- D. PEAP
- E. EAP-TLS

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 87**

You enabled the guest session limit feature on the Cisco ISE. However, end users report that the same guest can log in from multiple devices simultaneously.

Which configuration is missing on the network access device?

- A. RADIUS authentication
- B. RADIUS accounting
- C. DHCP required
- D. AAA override

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 88**

A properly configured Cisco ISE Policy Service node is not receiving any profile data from a Cisco switch that runs Device Sensor.

Which option is the most likely reason for the failure?

- A. Syslog is configured for the Policy Administration Node.
- B. RADIUS Accounting is disabled.
- C. The SNMP community strings are mismatched.

- D. RADIUS Authentication is misconfigured.
- E. The connected endpoints support CDP but not DHCP.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

### QUESTION 89

**Select and Place:**

|  |   |
|--|---|
| Drag and drop the BYOD user experiences on an iPad on the left into the correct order on the right.                    |   |
| The CSR is generated on the endpoint and is sent to the Cisco ISE, which forwards it to the SCEP server                | 1 |
| The user opens a web browser and is redirected to a registration portal  | 2 |
| A CoA is issued and the endpoint is reconnected to the network with the proper access                                  | 3 |
| The endpoint installs a signed certificate that is returned from the Cisco ISE along with the wireless network setting | 4 |
| The endpoint authenticates to secure SSID using the username and password  | 5 |

**Correct Answer:**

Drag and drop the BYOD user experiences on an iPad on the left into the correct order on the right.

The endpoint authenticates to secure SSID using the username and password

The user opens a web browser and is redirected to a registration portal

The CSR is generated on the endpoint and is sent to the Cisco ISE, which forwards it to the SCEP server

The endpoint installs a signed certificate that is returned from the Cisco ISE along with the wireless network setting

A CoA is issued and the endpoint is reconnected to the network with the proper access

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 90**

A network administrator needs to implement a service that enables granular control of IOS commands that can be executed. Which AAA authentication method should be selected?

- A. TACACS+
- B. RADIUS
- C. Windows Active Directory
- D. Generic LDAP

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 91**

An administrator can leverage which attribute to assign privileges based on Microsoft Active Directory user groups?

- A. member of
- B. group
- C. class
- D. person

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 92**

Cisco 802.1X phasing enables flexible deployments through the use of open, low-impact, and closed modes. What is a unique characteristic of the most secure mode?

- A. Granular ACLs applied prior to authentication
- B. Per user dACLs applied after successful authentication
- C. Only EAPoL traffic allowed prior to authentication
- D. Adjustable 802.1X timers to enable successful authentication

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

**QUESTION 93**

A network administrator must enable which protocol extension to utilize EAP-Chaining?

- A. EAP-FAST
- B. EAP-TLS
- C. MSCHAPv2



D. PEAP

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 94**

In the command 'aaa authentication default group tacacs local', how is the word 'default' defined?

- A. Command set
- B. Group name
- C. Method list
- D. Login type

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 95**

Changes were made to the ISE server while troubleshooting, and now all wireless certificate authentications are failing. Logs indicate an EAP failure. What is the most likely cause of the problem?

- A. EAP-TLS is not checked in the Allowed Protocols list
- B. Certificate authentication profile is not configured in the Identity Store
- C. MS-CHAPv2-is not checked in the Allowed Protocols list
- D. Default rule denies all traffic
- E. Client root certificate is not included in the Certificate Store

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 96**

The NAC Agent uses which port and protocol to send discovery packets to an ISE Policy Service Node?

- A. tcp/8905
- B. udp/8905
- C. http/80
- D. https/443

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 97**

Which two conditions are valid when configuring ISE for posturing? (Choose two.)

- A. Dictionary
- B. member Of
- C. Profile status
- D. File
- E. Service

**Correct Answer:** DE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 98**

Refer to the exhibit.

```
device(config)#aaa new-model
device(config)#tacacs-server host 209.165.200.226
device(config)#tacacs-server host 209.165.200.227
device(config)#tacacs-server key 0 $$5@#$$!!1
```

Which three statements about the given configuration are true? (Choose three.)

- A. TACACS+ authentication configuration is complete.
- B. TACACS+ authentication configuration is incomplete.
- C. TACACS+ server hosts are configured correctly.
- D. TACACS+ server hosts are misconfigured.
- E. The TACACS+ server key is encrypted.
- F. The TACACS+ server key is unencrypted.

**Correct Answer:** BCF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 99

In AAA, what function does authentication perform?

- A. It identifies the actions that the user can perform on the device.
- B. It identifies the user who is trying to access a device.
- C. It identifies the actions that a user has previously taken.
- D. It identifies what the user can access.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 100

Which identity store option allows you to modify the directory services that run on TCP/IP?

- A. Lightweight Directory Access Protocol
- B. RSA SecurID server
- C. RADIUS
- D. Active Directory

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 101**

Which term describes a software application that seeks connectivity to the network via a network access device?

- A. authenticator
- B. server
- C. supplicant
- D. WLC

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 102**

Cisco ISE distributed deployments support which three features? (Choose three.)

- A. global implementation of the profiler service CoA
- B. global implementation of the profiler service in Cisco ISE
- C. configuration to send system logs to the appropriate profiler node
- D. node-specific probe configuration
- E. server-specific probe configuration
- F. NetFlow probes

**Correct Answer:** ACD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

answer is valid.

**QUESTION 103**

How frequently does the Profiled Endpoints dashlet refresh data?

- A. every 30 seconds
- B. every 60 seconds
- C. every 2 minutes
- D. every 5 minutes

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 104**

Which command in the My Devices Portal can restore a previously lost device to the network?

- A. Reset
- B. Found
- C. Reinstate
- D. Request

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 105**

What is the first step that occurs when provisioning a wired device in a BYOD scenario?

- A. The smart hub detects that the physically connected endpoint requires configuration and must use MAB to authenticate.
- B. The URL redirects to the Cisco ISE Guest Provisioning portal.
- C. Cisco ISE authenticates the user and deploys the SPW package.
- D. The device user attempts to access a network URL.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 106**

Which three features should be enabled as best practices for MAB? (Choose three.)

- A. MD5
- B. IP source guard
- C. DHCP snooping
- D. storm control
- E. DAI
- F. URPF

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 107**

When MAB is configured, how often are ports reauthenticated by default?

- A. every 60 seconds
- B. every 90 seconds
- C. every 120 seconds
- D. never

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 108**

What is a required step when you deploy dynamic VLAN and ACL assignments?

- A. Configure the VLAN assignment.

- B. Configure the ACL assignment.
- C. Configure Cisco IOS Software 802.1X authenticator authorization.
- D. Configure the Cisco IOS Software switch for ACL assignment.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 109**

Which model does Cisco support in a RADIUS change of authorization implementation?

- A. push
- B. pull
- C. policy
- D. security

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 110**

An organization has recently deployed ISE with the latest models of Cisco switches, and it plans to deploy Trustsec to secure its infrastructure. The company also wants to allow different network access policies for different user groups (e.g., administrators). Which solution is needed to achieve these goals?

- A. Cisco Security Group Access Policies in order to use SGACLs to control access based on SGTs assigned to different users
- B. MACsec in Multiple-Host Mode in order to open or close a port based on a single authentication
- C. Identity-based ACLs on the switches with user identities provided by ISE
- D. Cisco Threat Defense for user group control by leveraging Netflow exported from the switches and login information from ISE

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 111**

Security Group Access requires which three syslog messages to be sent to Cisco ISE? (Choose three.)

- A. IOS-7-PROXY\_DROP
- B. AP-1-AUTH\_PROXY\_DOS\_ATTACK
- C. MKA-2-MACDROP
- D. AUTHMGR-5-MACMOVE
- E. ASA-6-CONNECT\_BUILT
- F. AP-1-AUTH\_PROXY\_FALLBACK\_REQ

**Correct Answer:** BDF

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 112**

Which administrative role has permission to assign Security Group Access Control Lists?

- A. System Admin
- B. Network Device Admin
- C. Policy Admin
- D. Identity Admin

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 113**

Refer to the exhibit.



```
asal(config)# time-range WeekendHours  
asal(config-time-range)# periodic friday 18:00 to monday 8:00  
asal(config)# access-list Outside extended deny ip any object-group vpnserver time-range WeekendHours log  
asal(config)# access-group Outside in outside
```

If the given configuration is applied to the object-group vpnserver, during which time period are external users able to connect?

- A. From Friday at 6:00 p.m. until Monday at 8:00 a.m.
- B. From Monday at 8:00 a.m. until Friday at 6:00 p.m.
- C. From Friday at 6:01 p.m. until Monday at 8:01 a.m.
- D. From Monday at 8:01 a.m. until Friday at 5:59 p.m.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 114

Which set of commands allows IPX inbound on all interfaces?

- A. ASA1(config)# access-list IPX-Allow ethertype permit ipx ASA1(config)# access-group IPX-Allow in interface global
- B. ASA1(config)# access-list IPX-Allow ethertype permit ipx ASA1(config)# access-group IPX-Allow in interface inside
- C. ASA1(config)# access-list IPX-Allow ethertype permit ipx ASA1(config)# access-group IPX-Allow in interface outside
- D. ASA1(config)# access-list IPX-Allow ethertype permit ipx ASA1(config)# access-group IPX-Allow out interface global

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### QUESTION 115

Which command enables static PAT for TCP port 25?

- A. nat (outside,inside) static 209.165.201.3 209.165.201.226 eq smtp

- B. nat static 209.165.201.3 eq smtp
- C. nat (inside,outside) static 209.165.201.3 service tcp smtp smtp
- D. static (inside,outside) 209.165.201.3 209.165.201.226 netmask 255.255.255.255

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 116**

Which command is useful when troubleshooting AAA Authentication between a Cisco router and the AAA server?

- A. test aaa-server test cisco cisco123 all new-code
- B. test aaa group7 tacacs+ auth cisco123 new-code
- C. test aaa group tacacs+ cisco cisco123 new-code
- D. test aaa-server tacacs+ group7 cisco cisco123 new-code

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

#### **QUESTION 117**

In a multi-node ISE deployment, backups are not working on the MnT node. Which ISE CLI option would help mitigate this issue?

- A. repository
- B. ftp-url
- C. application-bundle
- D. collector

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 118**

Which command can check a AAA server authentication for server group Group1, user cisco, and password cisco555 on a Cisco ASA device?

- A. ASA# test aaa-server authentication Group1 username cisco password cisco555
- B. ASA# test aaa-server authentication group Group1 username cisco password cisco555
- C. ASA# aaa-server authorization Group1 username cisco password cisco555
- D. ASA# aaa-server authentication Group1 roger cisco555

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

**QUESTION 119**

Which statement about system time and NTP server configuration with Cisco ISE is true?

- A. The system time and NTP server settings can be configured centrally on the Cisco ISE.
- B. The system time can be configured centrally on the Cisco ISE, but NTP server settings must be configured individually on each ISE node.
- C. NTP server settings can be configured centrally on the Cisco ISE, but the system time must be configured individually on each ISE node.
- D. The system time and NTP server settings must be configured individually on each ISE node.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

updated.