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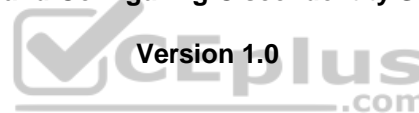
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300-715

Implementing and Configuring Cisco Identity Services Engine



**Sections**

1. Architecture and Deployment
2. Policy Enforcement
3. Web Auth and Guest Services
4. Profiler
5. BYOD
6. Endpoint Compliance
7. Network Access Device Administration

## Exam A

### QUESTION 1

Which personas can a Cisco ISE node assume?

- A. policy service, gatekeeping, and monitoring
- B. administration, monitoring, and gatekeeping
- C. administration, policy service, and monitoring
- D. administration, policy service, gatekeeping

**Correct Answer:** C

**Section:** Architecture and Deployment

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_dis\\_deploy.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_dis_deploy.html)

**QUESTION 2** What occurs when a Cisco ISE distributed deployment has two nodes and the secondary node is deregistered?

- A. The secondary node restarts.
- B. The primary node restarts.
- C. Both nodes restart.
- D. The primary node becomes standalone.

**Correct Answer:** C

**Section:** Architecture and Deployment

**Explanation**

**Explanation/Reference:**



### QUESTION 3

DRAG DROP

Drag the steps to configure a Cisco ISE node as a primary administration node from the left into the correct order on the right.

**Select and Place:**

**Correct Answer:**

**Section:** Architecture and Deployment

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_dis\\_deploy.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_dis_deploy.html)

**QUESTION 4** Which two features are available when the primary admin node is down and the secondary admin node has not been promoted?  
(Choose two.)

- A. new AD user 802.1X authentication
- B. hotspot
- C. posture
- D. guest AUP
- E. BYOD

**Correct Answer:** BD

**Section:** Architecture and Deployment

**Explanation**

**Explanation/Reference:**

**QUESTION 5** Which supplicant(s) and server(s) are capable of supporting EAP-CHAINING?

- A. Cisco Secure Services Client and Cisco Access Control Server
- B. Cisco AnyConnect NAM and Cisco Identity Service Engine
- C. Cisco AnyConnect NAM and Cisco Access Control Server
- D. Windows Native Supplicant and Cisco Identity Service Engine

**Correct Answer:** B

**Section: Architecture and Deployment**

**Explanation**

**Explanation/Reference:**

Reference: <https://www.cisco.com/c/en/us/support/docs/wireless-mobility/eap-fast/200322-Understanding-EAP-FAST-and-Chaining-imp.html>

**QUESTION 6** What is a requirement for Feed Service to work?

- A. TCP port 8080 must be opened between Cisco ISE and the feed server.
- B. Cisco ISE has access to an internal server to download feed update.
- C. Cisco ISE has a base license.
- D. Cisco ISE has Internet access to download feed update.

**Correct Answer:** B

**Section: Architecture and Deployment**

**Explanation**

**Explanation/Reference:**

**QUESTION 7** What is a method for transporting security group tags throughout the network?

- A. by embedding the security group tag in the 802.1Q header
- B. by the Security Group Tag Exchange Protocol
- C. by enabling 802.1AE on every network device
- D. by embedding the security group tag in the IP header

**Correct Answer:** B

**Section: Architecture and Deployment**

**Explanation**

**Explanation/Reference:**

**QUESTION 8** How is policy services node redundancy achieved in a deployment?

- A. by creating a node group
- B. by deploying both primary and secondary node
- C. by enabling VIP
- D. by utilizing RADIUS server list on the NAD



**Correct Answer:** B  
**Section:** Policy Enforcement  
**Explanation**

**Explanation/Reference:**

**QUESTION 9** Which two fields are available when creating an endpoint on the context visibility page of Cisco ISE?  
(Choose two.)

- A. Security Group Tag
- B. Endpoint Family
- C. Policy Assignment
- D. Identity Group Assignment
- E. IP Address

**Correct Answer:** CD  
**Section:** Policy Enforcement  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin\\_guide/b\\_ise\\_admin\\_guide\\_22/b\\_ise\\_admin\\_guide\\_22\\_chapter\\_010101.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_010101.html)

**QUESTION 10** In which two ways can users and endpoints be classified for TrustSec? (Choose two.)

- A. VLAN
- B. dynamic
- C. QoS
- D. SGACL
- E. SXP



**Correct Answer:** AD  
**Section:** Policy Enforcement  
**Explanation**

**Explanation/Reference:**

**QUESTION 11** When configuring Active Directory groups, what does the Cisco ISE use to resolve ambiguous group names?

- A. MIB
- B. SID
- C. MAB
- D. TGT

**Correct Answer:** B  
**Section:** Policy Enforcement  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/ise\\_active\\_directory\\_integration/b\\_ISE\\_AD\\_integration\\_2x.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/ise_active_directory_integration/b_ISE_AD_integration_2x.html)

**QUESTION 12** Which permission is common to the Active Directory Join and Leave operations?

- A. Remove the Cisco ISE machine account from the domain.

- B. Search Active Directory to see if a Cisco ISE machine account already exists.
- C. Set attributes on the Cisco ISE machine account.
- D. Create a Cisco ISE machine account in the domain if the machine account does not already exist.

**Correct Answer: B**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

**QUESTION 13** Which interface-level command is needed to turn on 802.1X authentication?

- A. **dot1x system-auth-control**
- B. **dot1x pae authenticator**
- C. **aaa server radius dynamic-author**
- D. **authentication host-mode single-host**

**Correct Answer: B**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

Reference: <https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/31sg/configuration/guide/conf/dot1x.html>

**QUESTION 14** Which RADIUS attribute is used to dynamically assign the Inactivity active timer for MAB users from the Cisco ISE node?

- A. session-timeout
- B. termination-action
- C. radius-server timeout
- D. idle-timeout

**Correct Answer: D**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

**QUESTION 15**

What does the **dot1x system-auth-control** command do?

- A. globally enables 802.1x
- B. causes a network access switch not to track 802.1x sessions
- C. enables 802.1x on a network access device interface
- D. causes a network access switch to track 802.1x sessions

**Correct Answer: A**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

Reference: <https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/XE3-8-0E/15-24E/configuration/guide/xe-380-configuration/dot1x.html>

**QUESTION 16**

What must be configured on the Cisco ISE authentication policy for unknown MAC addresses/identities for successful authentication?

- A. continue
- B. pass
- C. drop
- D. reject

**Correct Answer:** A

**Section:** Policy Enforcement

**Explanation**

**Explanation/Reference:**

**QUESTION 17** Which command displays all 802.1X/MAB sessions that are active on the switch ports of a Cisco Catalyst switch?

- A. **show authentication sessions interface Gi1/0/x output**
- B. **show authentication sessions**
- C. **show authentication sessions output**
- D. **show authentication sessions interface Gi 1/0/x**

**Correct Answer:** D

**Section:** Policy Enforcement

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/security/s1/sec-s1-xe-3se-3850-cr-book/sec-s1-xe-3se-3850-cr-book\\_chapter\\_01.html#wp3404908137](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/security/s1/sec-s1-xe-3se-3850-cr-book/sec-s1-xe-3se-3850-cr-book_chapter_01.html#wp3404908137)

**QUESTION 18**

What are two requirements of generating a single certificate in Cisco ISE by using a certificate provisioning portal, without generating a certificate signing request? (Choose two.)

- A. Enter the IP address of the device.
- B. Enter the common name.
- C. Choose the hashing method.
- D. Locate the CSV file for the device MAC.
- E. Select the certificate template.

**Correct Answer:** BE

**Section:** Policy Enforcement

**Explanation**

**Explanation/Reference:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/200534-ISE-2-0-Certificate-Provisioning-Portal.html>

**QUESTION 19**

```
Interface: GigabitEthernet2/0/36
MAC Address: 000e.84af.59af
Status: Authz Success
Domain: DATA
Oper host mode: single-host
Authorized By: Authentication Server
Vlan Policy: 10
Handle: 0xE0000000
Runnable methods list:
Method State
dot1x Authc Success
```

Refer to the exhibit. Which command is typed within the CLI of a switch to view the troubleshooting output?

- A. **show authentication sessions mac 000e.84af.59af details**
- B. **show authentication registrations**
- C. **show authentication interface gigabitethernet2/0/36**
- D. **show authentication sessions method**

**Correct Answer: A**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

**QUESTION 20** What gives Cisco ISE an option to scan endpoints for vulnerabilities?

- A. authentication policy
- B. authorization profile
- C. authentication profile
- D. authorization policy

**Correct Answer: B**

**Section: Policy Enforcement**

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin\\_guide/b\\_ise\\_admin\\_guide\\_22/b\\_ise\\_admin\\_guide\\_22\\_chapter\\_010100.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_010100.html)

**QUESTION 21** Which two values are compared by the binary comparison function in authentication that is based on Active Directory?

- A. user-presented certificate and a certificate stored in Active Directory
- B. MS-CHAPv2 provided machine credentials and credentials stored in Active Directory
- C. user-presented password hash and a hash stored in Active Directory
- D. subject alternative name and the common name

**Correct Answer:** D  
**Section:** Policy Enforcement  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/ISE-ADIntegrationDoc/b\\_ISE-ADIntegration.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/ISE-ADIntegrationDoc/b_ISE-ADIntegration.html)

**QUESTION 22** A network administrator has just added a front desk receptionist account to the Cisco ISE Guest Service sponsor group. Using the Cisco ISE Guest Sponsor Portal, which guest services can the receptionist provide?

- A. Keep track of guest user activities.
- B. Create and manage guest user accounts.
- C. Configure authorization settings for guest users.
- D. Authenticate guest users to Cisco ISE.

**Correct Answer:** B  
**Section:** Web Auth and Guest Services  
**Explanation**

**Explanation/Reference:**

**QUESTION 23** What is needed to configure wireless guest access on the network?

- A. endpoint already profiled in ISE
- B. WEBAUTH ACL for redirection
- C. Captive Portal Bypass turned on
- D. valid user account in Active Directory



**Correct Answer:** C  
**Section:** Web Auth and Guest Services  
**Explanation**

**Explanation/Reference:**

**QUESTION 24**

Which two methods should a sponsor select to create bulk guest accounts from the sponsor portal? (Choose two.)

- A. Known
- B. Monthly
- C. Daily
- D. Imported
- E. Random

**Correct Answer:** AE  
**Section:** Web Auth and Guest Services  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/sponsor\\_guide/b\\_spons\\_SponsorPortalUserGuide\\_13/b\\_spons\\_SponsorPortalUserGuide\\_13\\_chapter\\_01.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/sponsor_guide/b_spons_SponsorPortalUserGuide_13/b_spons_SponsorPortalUserGuide_13_chapter_01.html)

**QUESTION 25** What is a valid guest portal type?

- A. Sponsor
- B. Sponsored-Guest



- C. Captive-Guest
- D. My Devices

**Correct Answer:** B

**Section:** Web Auth and Guest Services

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin\\_guide/b\\_ise\\_admin\\_guide\\_13/b\\_ise\\_admin\\_guide\\_sample\\_chapter\\_01111.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide_sample_chapter_01111.html)

**QUESTION 26** What is the purpose of the **ip http server** command on a switch?

- A. It enables the https server for users for web authentication.
- B. It enables dot1x authentication on the switch.
- C. It enables MAB authentication on the switch.
- D. It enables the switch to redirect users for web authentication.

**Correct Answer:** C

**Section:** Web Auth and Guest Services

**Explanation**

**Explanation/Reference:**

**QUESTION 27**

Which advanced option within a WLAN must be enabled to trigger Central Web Authentication for Wireless users on AireOS controller?

- A. DHCP server
- B. override Interface ACL
- C. static IP tunneling
- D. AAA override



**Correct Answer:** D

**Section:** Web Auth and Guest Services

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b\\_cg74\\_CONSOLIDATED/b\\_cg74\\_CONSOLIDATED\\_chapter\\_010110111.html](https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_chapter_010110111.html)

**QUESTION 28** Which configuration is required in the Cisco ISE authentication policy to allow Central Web Authentication?

- A. MAB and if user not found, continue
- B. MAB and if authentication failed, continue
- C. Dot1x and if authentication failed, continue
- D. Dot1x and if user not found, continue

**Correct Answer:** A

**Section:** Web Auth and Guest Services

**Explanation**

**Explanation/Reference:**

**QUESTION 29** What is the minimum certainty factor when creating a profiler policy?

- A. the minimum number that a predefined condition provides
- B. the maximum number that a predefined condition provides
- C. the minimum number that a device certainty factor must reach to become a member of the profile
- D. the maximum number that a device certainty factor must reach to become a member of the profile

**Correct Answer:** C

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

**QUESTION 30** What sends the redirect ACL that is configured in the authorization profile back to the Cisco WLC?

- A. State attribute
- B. Class attribute
- C. Event
- D. Cisco-av-pair

**Correct Answer:** D

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: <https://community.cisco.com/t5/network-access-control/ise-airespace-acl-wlc-problem/td-p/2110491>

**QUESTION 31** Which profiling probe collects the user-agent string?

- A. DHCP
- B. HTTP
- C. NMAP
- D. AD



**Correct Answer:** B

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

**QUESTION 32** Which use case validates a change of authorization?

- A. An endpoint that is disconnected from the network is discovered.
- B. Endpoints are created through device registration for the guests.
- C. An endpoint profiling policy is changed for authorization policy.
- D. An authenticated, wired EAP-capable endpoint is discovered.

**Correct Answer:** C

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user\\_guide/ise\\_user\\_guide/ise\\_prof\\_pol.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_user_guide/ise_prof_pol.html)

**QUESTION 33**

Which default endpoint identity group does an endpoint that does not match any profile in Cisco ISE become a member of?

- A. blacklist
- B. unknown
- C. whitelist
- D. profiled
- E. endpoint

**Correct Answer:** B

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_man\\_identities.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_identities.html)

**QUESTION 34** What service can be enabled on the Cisco ISE node to identify the types of devices connecting to a network?

- A. profiling
- B. central web authentication
- C. MAB
- D. posture

**Correct Answer:** A

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide\\_20\\_chapter\\_010100.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html)

**QUESTION 35** Which two probes must be enabled for the ARP cache to function in the Cisco ISE profiling service so that a user can reliably bind the IP addresses and MAC addresses of endpoints? (Choose two.)

- A. SNMP
- B. HTTP
- C. RADIUS
- D. DHCP
- E. NetFlow

**Correct Answer:** CD

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide\\_20\\_chapter\\_010100.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html)

**QUESTION 36** Which two events trigger a CoA for an endpoint when CoA is enabled globally for ReAuth? (Choose two.)

- A. addition of endpoint to My Devices Portal
- B. endpoint marked as lost in My Devices Portal
- C. updating of endpoint dACL
- D. endpoint profile transition from Apple-device to Apple-iPhone
- E. endpoint profile transition from Unknown to Windows10-Workstation

**Correct Answer:** DE

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

**QUESTION 37** Which two ports do network devices typically use for CoA? (Choose two.)

- A. 19005
- B. 443
- C. 3799D. 8080
- E. 1700

**Correct Answer:** CE

**Section:** Profiler

**Explanation**

**Explanation/Reference:**

Reference: [https://documentation.meraki.com/MR/Encryption\\_and\\_Authentication/Change\\_of\\_Authorization\\_with\\_RADIUS\\_\(CoA\)\\_on\\_MR\\_Access\\_Points](https://documentation.meraki.com/MR/Encryption_and_Authentication/Change_of_Authorization_with_RADIUS_(CoA)_on_MR_Access_Points)

**QUESTION 38** Which three default endpoint identity groups does Cisco ISE create? (Choose three.)

- A. endpoint
- B. unknown
- C. blacklist
- D. profiled
- E. whitelist

**Correct Answer:** BCD

**Section:** Profiler

**Explanation**



**Explanation/Reference:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_man\\_identities.html#wp1203054](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_identities.html#wp1203054)

**QUESTION 39** Which statement about configuring certificates for BYOD is true?

- A. The SAN field is populated with the end user name.
- B. The CN field is populated with the endpoint host name.
- C. An endpoint certificate is mandatory for the Cisco ISE BYOD.
- D. An Android endpoint uses EST, whereas other operating systems use SCEP for enrollment.

**Correct Answer:** C

**Section:** BYOD

**Explanation**

**Explanation/Reference:**

**QUESTION 40** During BYOD flow, from where does a Microsoft Windows PC download the Network Setup Assistant?

- A. Microsoft App Store
- B. Cisco App Store
- C. Cisco ISE directly
- D. Native OTA functionality

**Correct Answer:** C

**Section: BYOD****Explanation****Explanation/Reference:**

Reference: <https://ciscocustomer.lookbookhq.com/iseguidedjourney/BYOD-configuration>

**QUESTION 41** What allows an endpoint to obtain a digital certificate from Cisco ISE during a BYOD flow?

- A. Application Visibility and Control
- B. Supplicant Provisioning Wizard
- C. My Devices Portal
- D. Network Access Control

**Correct Answer: C**

**Section: BYOD****Explanation****Explanation/Reference:**

**QUESTION 42** Which protocol must be allowed for a BYOD device to access the BYOD portal?

- A. HTTPS
- B. HTTP
- C. SSH
- D. SMTP

**Correct Answer: A**

**Section: BYOD****Explanation****Explanation/Reference:**

**QUESTION 43** Which two components are required for creating a Native Supplicant Profile within a BYOD flow? (Choose two.)

- A. Redirect ACL
- B. Connection Type
- C. Operating System
- D. Windows Settings
- E. iOS Settings

**Correct Answer: CE**

**Section: BYOD****Explanation****Explanation/Reference:****QUESTION 44**

If a user reports a device lost or stolen, which portal should be used to prevent the device from accessing the network while still providing information about why the device is blocked?

- A. Client Provisioning
- B. BYOD
- C. Guest



D. Blacklist

**Correct Answer:** D

**Section:** BYOD

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin\\_guide/b\\_ise\\_admin\\_guide\\_13/b\\_ise\\_admin\\_guide\\_sample\\_chapter\\_010000.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide_sample_chapter_010000.html)

**QUESTION 45** Which two endpoint compliance statuses are possible? (Choose two.)

- A. compliant
- B. valid
- C. unknown
- D. known
- E. invalid

**Correct Answer:** AC

**Section:** Endpoint Compliance

**Explanation**

**Explanation/Reference:**

**QUESTION 46** Which portal is used to customize the settings for a user to log in and download the compliance module?

- A. Client Provisioning
- B. Client Endpoint
- C. Client Profiling
- D. Client Guest



**Correct Answer:** A

**Section:** Endpoint Compliance

**Explanation**

**Explanation/Reference:**

**QUESTION 47** Which Cisco ISE service allows an engineer to check the compliance of endpoints before connecting to the network?

- A. qualys
- B. posture
- C. personas
- D. nexpose

**Correct Answer:** B

**Section:** Endpoint Compliance

**Explanation**

**Explanation/Reference:**

**QUESTION 48**

Which two ports must be open between Cisco ISE and the client when you configure posture on Cisco ISE? (Choose two.)

- A. TCP 80
- B. TCP 8905C. TCP 8443
- D. TCP 8906
- E. TCP 443

**Correct Answer:** BC  
**Section:** Endpoint Compliance  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/installation\\_guide/b\\_ise\\_InstallationGuide20/Cisco\\_SNS\\_3400\\_Series\\_Appliance\\_Ports\\_Reference.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/installation_guide/b_ise_InstallationGuide20/Cisco_SNS_3400_Series_Appliance_Ports_Reference.html)

**QUESTION 49** What are two components of the posture requirement when configuring Cisco ISE posture? (Choose two.)

- A. Client Provisioning portal
- B. remediation actions
- C. updates
- D. access policy
- E. conditions

**Correct Answer:** BE  
**Section:** Endpoint Compliance  
**Explanation**

**Explanation/Reference:**

**QUESTION 50** Which term refers to an endpoint agent that tries to join an 802.1X-enabled network?

- A. EAP server
- B. authenticator
- C. supplicant
- D. client

**Correct Answer:** C  
**Section:** Endpoint Compliance  
**Explanation**

**Explanation/Reference:**

**QUESTION 51** Which port does Cisco ISE use for native supplicant provisioning of a Windows laptop?

- A. TCP 8905
- B. TCP 8909
- C. TCP 443
- D. UDP 1812

**Correct Answer:** B  
**Section:** Endpoint Compliance  
**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide\\_20\\_chapter\\_010101.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010101.html)



**QUESTION 52**

DRAG DROP

Drag the Cisco ISE node types from the left onto the appropriate purposes on the right.

**Select and Place:****Correct Answer:****Section: Endpoint Compliance****Explanation****Explanation/Reference:**

**QUESTION 53** What must match between Cisco ISE and the network access device to successfully authenticate endpoints?

- A. shared secret
- B. profile
- C. certificate
- D. SNMP version

**Correct Answer: A****Section: Endpoint Compliance****Explanation****Explanation/Reference:**Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_man\\_network\\_devices.html](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_network_devices.html)

**QUESTION 54** Which two task types are included in the Cisco ISE common tasks support for TACACS+ profiles? (Choose two.)

- A. ASA
- B. Firepower
- C. Shell
- D. WLC
- E. IOS

**Correct Answer: CD****Section: Network Access Device Administration****Explanation****Explanation/Reference:**Reference: [https://www.cisco.com/c/en/us/td/docs/security/ise/2--1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide\\_20\\_chapter\\_0100010.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2--1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_0100010.html)

**QUESTION 55** What are two benefits of TACACS+ versus RADIUS for device administration? (Choose two.)

- A. TACACS+ has command authorization, and RADIUS does not.
- B. TACACS+ uses UDP, and RADIUS uses TCP.
- C. TACACS+ supports 802.1X, and RADIUS supports MAB.
- D. TACACS+ provides the service type, and RADIUS does not.
- E. TACACS+ encrypts the whole payload, and RADIUS encrypts only the password.

**Correct Answer: AE****Section: Network Access Device Administration****Explanation**



**Explanation/Reference:**

**QUESTION 56** Which two features must be used on Cisco ISE to enable the TACACS+ feature? (Choose two.)

- A. Command Sets
- B. Server Sequence
- C. Device Administration License
- D. External TACACS Servers
- E. Device Admin Service

**Correct Answer:** CE

**Section:** Network Access Device Administration

**Explanation**

**Explanation/Reference:**

**QUESTION 57** Which are two characteristics of TACACS+? (Choose two.)

- A. It separates authorization and authentication functions.
- B. It combines authorization and authentication functions.
- C. It uses UDP port 49.
- D. It encrypts the password only.
- E. It uses TCP port 49.

**Correct Answer:** AE

**Section:** Network Access Device Administration

**Explanation**



**Explanation/Reference:**

Reference: <https://www.cisco.com/c/en/us/support/docs/security-vpn/remote-authentication-dial-user-service-radius/13838-10.html>

**QUESTION 58**

A user reports that the RADIUS accounting packets are not being seen on the Cisco ISE server. Which command is the user missing in the switch's configuration?

- A. **aaa accounting resource default start-stop group radius**
- B. **radius-server vsa send accounting**
- C. **aaa accounting network default start-stop group radius**
- D. **aaa accounting exec default start-stop group radius**

**Correct Answer:** B

**Section:** Network Access Device Administration

**Explanation**

**Explanation/Reference:**

Reference: [https://www.cisco.com/en/US/docs/security/ise/1.0/user\\_guide/ise10\\_sw\\_cnfg.pdf](https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_sw_cnfg.pdf)

**QUESTION 59** Which two responses from the RADIUS server to NAS are valid during the authentication process? (Choose two.)

- A. access-challenge
- B. access-accept
- C. access-request
- D. access-reserved

E. access-response

**Correct Answer:** AB

**Section:** Network Access Device Administration

**Explanation**

**Explanation/Reference:**

**QUESTION 60** What is a characteristic of the UDP protocol?

- A. UDP can detect when a server is down.
- B. UDP can detect when a server is slow.
- C. UDP offers best-effort delivery.
- D. UDP offers information about a non-existent server.

**Correct Answer:** C

**Section:** Network Access Device Administration

**Explanation**

**Explanation/Reference:**