300-715.premium.81q - DEMO

300-715

Implementing and Configuring Cisco Identity Services Engine

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

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

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 An engineer is configuring a virtual Cisco ISE deployment and needs each persona to be on a
different node.

Which persona should be configured with the largest amount of storage in this environment?

A. Monitoring and Troubleshooting
B. Policy Services
C. Primary Administration
D. Platform Exchange Grid
Correct Answer: A

Section: Architecture and Deployment
Explanation

Explanation/Reference:

QUESTION 9 In a standalone Cisco ISE deployment, which two personas are configured on a node?
(Choose two.)

A. subscriber
B. primary
C. administration
D. publisher
E. policy service

Correct Answer: CE
Section: Architecture and Deployment
Explanation

Explanation/Reference:

QUESTION 10 A network engineer must enforce access control using special tags, without re-engineering the
network design.

Which feature should be configured to achieve this in a scalable manner?

A. RBAC
B. dACL
C. SGT
D. VLAN

Correct Answer: C
Section: Architecture and Deployment
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/solutions/collateral/enterprise-networks/trustsec/branch-segmentation.pdf

QUESTION 11
A network engineer is configuring a network device that needs to filter traffic based on security group tags using a security policy on a routed interface.

Which command should be used to accomplish this task?

A. **cts role-based policy priority-static**
B. **cts cache enable**
C. **cts authorization list**
D. **cts role-based enforcement**

Correct Answer: D
Section: Architecture and Deployment
Explanation

Explanation/Reference:

QUESTION 12
In a Cisco ISE split deployment model, which load is split between the nodes?
A. log collection

B. device admission
C. AAA
D. network admission

Correct Answer: A
Section: Architecture and Deployment
Explanation

Explanation/Reference:

QUESTION 13 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 14 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

QUESTION 15 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 16 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

QUESTION 17 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 18 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 19 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 20
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 21
What should 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 22 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

QUESTION 23
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 24

```
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 25 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

QUESTION 26 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

QUESTION 27
What happens when an internal user is configured with an external identity store for authentication, but an engineer uses the Cisco ISE admin portal to select an internal identity store as the identity source?

A. Authentication is redirected to the internal identity source.
B. Authentication is granted.
C. Authentication fails.
D. Authentication is redirected to the external identity source.

Correct Answer: D
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 28 Which two actions occur when a Cisco ISE server device administrator logs in to a device?
(Choose two.)

A. The Cisco ISE server queries the internal identity store.
B. The device queries the external identity store.
C. The device queries the Cisco ISE authorization server.
D. The device queries the internal identity store.
E. The Cisco ISE server queries the external identity store.

Correct Answer: BE
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 29
An engineer is configuring a guest password policy and needs to ensure that the password complexity requirements are set to mitigate brute force attacks.

Which two requirements should be included in this policy? (Choose two.)

A. active username limit
B. password expiration period
C. access code control
D. username expiration date
E. minimum password length

Correct Answer: BE
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 30
An engineer is using the low-impact mode for a phased deployment of Cisco ISE and is trying to connect to the network prior to authentication.

Which access will be denied in this deployment?

A. DNS
B. DHCP

C. EAP
D. HTTP

Correct Answer: D
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 31 An administrator needs to connect ISE to Active Directory as an external authentication source and allow the proper ports

through the firewall. Which two ports should be opened to accomplish this task? (Choose two.)

A. TELNET: 23
B. HTTPS: 443
C. HTTP: 80
D. LDAP: 389
E. MSRPC:445

Correct Answer: DE
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 32 An engineer is implementing Cisco ISE and needs to configure 802.1X. The port settings are configured for port-based
authentication.

Which command should be used to complete this configuration?

A. **aaa authentication dot1x default
group radius**
B. **dot1x system-auth-control**
C. **authentication port-control auto**
D. **dot1x pae authenticator**

Correct Answer: B
Section: Policy Enforcement
Explanation

Explanation/Reference:

QUESTION 33 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 34 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 35 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

QUESTION 36 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

QUESTION 37 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 38
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

QUESTION 39 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 40
An engineer is configuring web authentication using non-standard ports and needs the switch to redirect traffic to the correct port.

Which command should be used to accomplish this task?

A. **permit tcp any any eq <port number>**
B. **ip http port <port number>**
C. **aaa group server radius**
D. **aaa group server radius proxy**

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

Explanation/Reference:

QUESTION 41
An engineer is using Cisco ISE and configuring guest services to allow wireless devices to access the network.

Which action accomplishes this task?

A. Create the redirect ACL on Cisco ISE and add it to the Cisco ISE Policy.

B. Create the redirect ACL on the WLC and add it to the WLC policy.
C. Create the redirect ACL on Cisco ISE and add it to the WLC policy.
D. Create the redirect ACL on the WLC and add it to the Cisco ISE policy.

Correct Answer: D
Section: Web Auth and Guest Services
Explanation

Explanation/Reference:

QUESTION 42 An engineer is configuring web authentication and needs to allow specific protocols to permit DNS traffic.

Which type of access list should be used for this configuration?

A. extended ACL
B. reflexive ACL
C. numbered ACL
D. standard ACL

Correct Answer: A
Section: Web Auth and Guest Services
Explanation

Explanation/Reference:

QUESTION 43
An administrator is adding a switch to a network that is running Cisco ISE and is only for IP Phones. The phones do not have the ability to authenticate via 802.1X.

Which command is needed on each switch port for authentication?

A. **dot1x system-auth-control**
B. **enable bypass-MAC**
C. **enable network-authentication**
D. **mab**

Correct Answer: D
Section: Web Auth and Guest Services
Explanation

Explanation/Reference:

QUESTION 44 A network engineer needs to ensure that the access credentials are not exposed during the 802.1X authentication

among components. Which two protocols should be configured to accomplish this task? (Choose two.)

A. PEAP
B. EAP-TLS
C. EAP-MD5
D. EAP-TTLS
E. LEAP

Correct Answer: BC
Section: Web Auth and Guest Services
Explanation

Explanation/Reference:

QUESTION 45 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 46 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 47 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 48 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

QUESTION 49
Which default endpoint identity group does an endpoint that does not match any profile in Cisco ISE become a member of?

A. block list
B. unknown
C. allow listD. 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

QUESTION 50 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

QUESTION 51 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

QUESTION 52
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 53 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

QUESTION 54 Which three default endpoint identity groups does Cisco ISE create?
(Choose three.)

A. endpoint
B. unknown
C. block list
D. profiled
E. allow list

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

QUESTION 55
An engineer is working with a distributed deployment of Cisco ISE and needs to configure various network probes to collect a set of attributes from the endpoints on the network.

Which node should be used to accomplish this task?

A. policy service
B. monitoring
C. primary policy administrator
D. pxGrid

Correct Answer: A
Section: Profiler
Explanation

Explanation/Reference:

QUESTION 56 An engineer is configuring Cisco ISE to reprofile endpoints based only on new requests of INIT-REBOOT and SELECTING
message types.

Which probe should be used to accomplish this task?

A. DHCP
B. DNS
C. NMAP
D. RADIUS

Correct Answer: A
Section: Profiler
Explanation

Explanation/Reference:

QUESTION 57 An engineer is configuring Cisco ISE and needs to dynamically identify the network endpoints and ensure that endpoint access is protected.

Which service should be used to accomplish this task?

A. guest access
B. profiling
C. posture
D. client provisioning

Correct Answer: B
Section: Profiler
Explanation

Explanation/Reference:

QUESTION 58 What should be considered when configuring certificates for BYOD?

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 59 During BYOD flow, 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 60 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 61 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 62 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 63
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. Block list

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

QUESTION 64 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 65 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 66 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 67
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

QUESTION 68 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 69 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 70 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

QUESTION 71
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 72
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

QUESTION 73
When planning for the deployment of Cisco ISE, an organization's security policy dictates that they must use network access authentication via RADIUS. It also states that the deployment needs to provide an adequate amount of security and visibility for the hosts on the network.

Why should the engineer configure MAB in this situation?

A. The Cisco switches only support MAB.
B. MAB provides the strongest form of authentication available.
C. MAB provides user authentication.
D. The devices in the network do not have a supplicant.

Correct Answer: D
Section: Endpoint Compliance
Explanation

Explanation/Reference:

QUESTION 74
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

QUESTION 75 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 76 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 77 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 78 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

QUESTION 79 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 80 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:

QUESTION 81
Refer to the exhibit.

```
Switch(config)# aaa new-model
Switch(config)# aaa authentication dot1x default group radius
Switch(config)# aaa authorization network default group radius
```

A network engineer is configuring the switch to accept downloadable ACLs from a Cisco ISE server.

Which two commands should be run to complete the configuration? (Choose two.)
A. **radius-server attribute 8 include-in-access-req**
B. **ip device tracking**
C. **dot1x system-auth-control**
D. **radius server vsa send authentication**
E. **aaa authorization auth-proxy default group radius**

Correct Answer: AD
Section: Network Access Device Administration
Explanation

Explanation/Reference: