

## Exam Questions 300-715

Implementing and Configuring Cisco Identity Services Engine (SISE)

<https://www.2passeasy.com/dumps/300-715/>



#### NEW QUESTION 1

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

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

**Answer: B**

#### NEW QUESTION 2

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 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. The devices in the network do not have a supplicant.
- D. MAB provides user authentication.

**Answer: C**

#### NEW QUESTION 3

What is a restriction of a standalone Cisco ISE node deployment?

- A. Only the Policy Service persona can be disabled on the node.
- B. The domain name of the node cannot be changed after installation.
- C. Personas are enabled by default and cannot be edited on the node.
- D. The hostname of the node cannot be changed after installation.

**Answer: C**

#### NEW QUESTION 4

An organization is adding nodes to their Cisco ISE deployment and has two nodes designated as primary and secondary PAN and MnT nodes. The organization also has four PSNs An administrator is adding two more PSNs to this deployment but is having problems adding one of them What is the problem?

- A. The new nodes must be set to primary prior to being added to the deployment
- B. The current PAN is only able to track a max of four nodes
- C. Only five PSNs are allowed to be in the Cisco ISE cube if configured this way.
- D. One of the new nodes must be designated as a pxGrid node

**Answer: C**

#### NEW QUESTION 5

Which two features should be used on Cisco ISE to enable the TACACS+ feature? (Choose two )

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

**Answer: BC**

#### NEW QUESTION 6

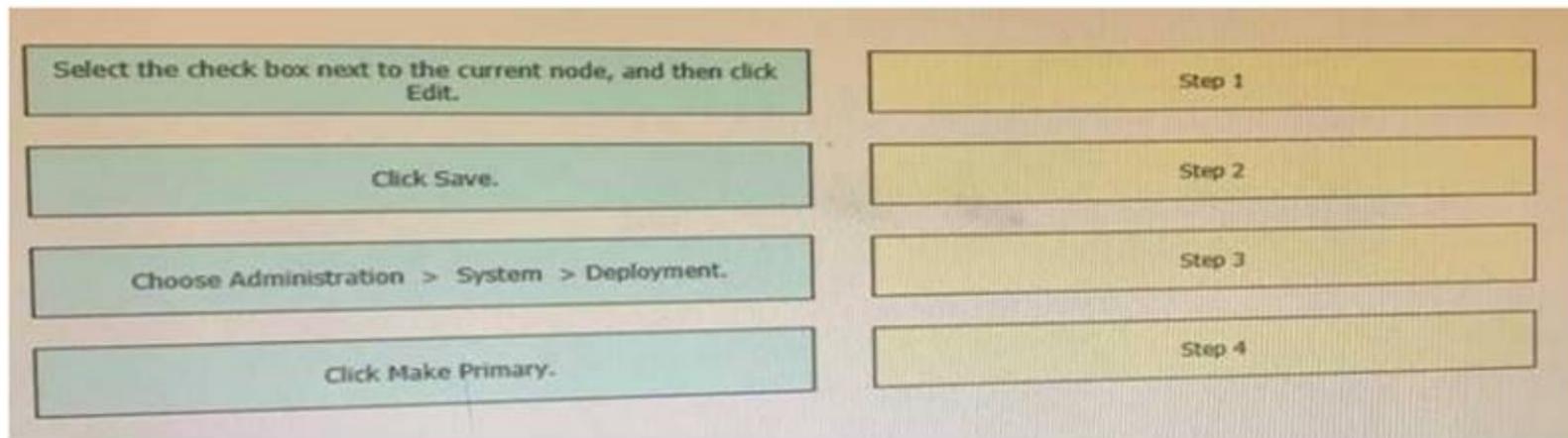
Which two external identity stores support EAP-TLS and PEAP-TLS? (Choose two.)

- A. Active Directory
- B. RADIUS Token
- C. Internal Database
- D. RSA SecurID
- E. LDAP

**Answer: AE**

#### NEW QUESTION 7

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



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin\\_guide/b\\_ise\\_admin\\_guide\\_24/b\\_ise\\_admin\\_guide](https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide)

- Step 1  
Choose Administration > System > Deployment.
- The Register button will be disabled initially. To enable this button, you must configure a Primary PAN.
- Step 2  
Check the check box next to the current node, and click Edit.
- Step 3  
Click Make Primary  
to configure your Primary PAN.
- Step 4  
Enter data on the General Settings
- Step 5  
tab.  
Click Save to save the node configuration.

**NEW QUESTION 8**

What is a characteristic of the UDP protocol?

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

**Answer:** B

**Explanation:**

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

**NEW QUESTION 9**

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. MMAP
- B. DNS
- C. DHCP
- D. RADIUS

**Answer:** C

**NEW QUESTION 10**

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. PSN
- B. primary PAN
- C. pxGrid
- D. MnT

**Answer:** A

**NEW QUESTION 10**

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

D. aaa accounting exec default start-stop group radios

Answer: A

**NEW QUESTION 13**

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

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

Answer: AD

**NEW QUESTION 14**

Select and Place

Administration	provides advanced troubleshooting tools that can be used to effectively manage the network and resources
Policy Service	shares context sensitive information from Cisco ISE to subscenes
Monitoring	manages all system-related configuration and configurations that relate to functionality such as authentication, automation, and auditing
pxGrid	provides network access, posture, guest access, client provisioning and profiling services, and evaluates the policies to make all decisions

- A. Mastered
- B. Not Mastered

Answer: A

**Explanation:**

Administration	Monitoring
Policy Service	pxGrid
Monitoring	Administration
pxGrid	Policy Service

**NEW QUESTION 17**

A user changes the status of a device to stolen in the My Devices Portal of Cisco ISE. The device was originally onboarded in the BYOD wireless Portal without a certificate. The device is found later, but the user cannot re-onboard the device because Cisco ISE assigned the device to the Blocklist endpoint identity group. What must the user do in the My Devices Portal to resolve this issue?

- A. Manually remove the device from the Blocklist endpoint identity group.
- B. Change the device state from Stolen to Not Registered.
- C. Change the BYOD registration attribute of the device to None.
- D. Delete the device, and then re-add the device.

Answer: B

**NEW QUESTION 19**

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 into this task?

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

**Answer:** B

#### NEW QUESTION 22

An administrator is configuring the Native Supplicant Profile to be used with the Cisco ISE posture agents and needs to test the connection using wired devices to determine which profile settings are available. Which two configuration settings should be used to accomplish this task? (Choose two.)

- A. authentication mode
- B. proxy host/IP
- C. certificate template
- D. security
- E. allowed protocol

**Answer:** CE

#### NEW QUESTION 24

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

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

**Answer:** A

#### NEW QUESTION 27

An engineer needs to configure Cisco ISE Profiling Services to authorize network access for IP speakers that require access to the intercom system. This traffic needs to be identified if the ToS bit is set to 5 and the destination IP address is the intercom system. What must be configured to accomplish this goal?

- A. NMAP
- B. NETFLOW
- C. pxGrid
- D. RADIUS

**Answer:** B

#### NEW QUESTION 32

An administrator is troubleshooting an endpoint that is supposed to bypass 802.1X and use MAB. The endpoint is bypassing 802.1X and successfully getting network access using MAB. However, the endpoint cannot communicate because it cannot obtain an IP address. What is the problem?

- A. The DHCP probe for Cisco ISE is not working as expected.
- B. The 802.1 X timeout period is too long.
- C. The endpoint is using the wrong protocol to authenticate with Cisco ISE.
- D. An AC I on the port is blocking HTTP traffic

**Answer:** B

#### NEW QUESTION 37

What must be configured on the WLC to configure Central Web Authentication using Cisco ISE and a WLC?

- A. Set the NAC State option to SNMP NAC.
- B. Set the NAC State option to RADIUS NAC.
- C. Use the radius-server vsa send authentication command.
- D. Use the ip access-group webauth in command.

**Answer:** B

#### NEW QUESTION 39

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

**Answer:** C

#### NEW QUESTION 41

When configuring an authorization policy, an administrator cannot see specific Active Directory groups present in their domain to be used as a policy condition. However, other groups that are in the same domain are seen. What is causing this issue?

- A. Cisco ISE only sees the built-in groups, not user created ones
- B. The groups are present but need to be manually typed as conditions
- C. Cisco ISE's connection to the AD join point is failing
- D. The groups are not added to Cisco ISE under the AD join point

**Answer:** D

**Explanation:**

[https://www.youtube.com/watch?v=0kuEZEo564s&ab\\_channel=CiscoISE-IdentityServicesEngine](https://www.youtube.com/watch?v=0kuEZEo564s&ab_channel=CiscoISE-IdentityServicesEngine)

**NEW QUESTION 44**

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

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

**Answer:** BE

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_)

**NEW QUESTION 48**

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

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

**Answer:** AD

**NEW QUESTION 50**

An administrator needs to give the same level of access to the network devices when users are logging into them using TACACS+. However, the administrator must restrict certain commands based on one of three user roles that require different commands. How is this accomplished without creating too many objects using Cisco ISE?

- A. Create one shell profile and multiple command sets.
- B. Create multiple shell profiles and multiple command sets.
- C. Create one shell profile and one command set.
- D. Create multiple shell profiles and one command set

**Answer:** A

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide)  
[https://www.youtube.com/watch?v=IIZwB71Szog&ab\\_channel=JasonMaynard](https://www.youtube.com/watch?v=IIZwB71Szog&ab_channel=JasonMaynard)

**NEW QUESTION 52**

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

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

**Answer:** B

**Explanation:**

[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)

**NEW QUESTION 53**

An engineer is using Cisco ISE and configuring guest services to allow wireless devices to access the network. Which action should accomplish this task?

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

**Answer:** B

**NEW QUESTION 57**

An organization wants to split their Cisco ISE deployment to separate the device administration functionalities from the main deployment. For this to work, the

administrator must deregister any nodes that will become a part of the new deployment, but the button for this option is grayed out Which configuration is causing this behavior?

- A. One of the nodes is an active PSN.
- B. One of the nodes is the Primary PAN
- C. All of the nodes participate in the PAN auto failover.
- D. All of the nodes are actively being synched.

**Answer:** B

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-7/admin\\_guide/b\\_ise\\_27\\_admin\\_guide/b\\_ISE\\_admin\\_27\\_](https://www.cisco.com/c/en/us/td/docs/security/ise/2-7/admin_guide/b_ise_27_admin_guide/b_ISE_admin_27_)

**NEW QUESTION 60**

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. LDAP 389
- C. HTTP 80
- D. HTTPS 443
- E. MSRPC 445

**Answer:** BE

**NEW QUESTION 61**

Which two default endpoint identity groups does Cisco ISE create? (Choose two )

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

**Answer:** CE

**Explanation:**

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

Default Endpoint Identity Groups Created for Endpoints Cisco ISE creates the following five endpoint identity groups by default: Blacklist, GuestEndpoints, Profiled, RegisteredDevices, and Unknown. In addition, it creates two more identity groups, such as Cisco-IP-Phone and Workstation, which are associated to the Profiled (parent) identity group. A parent group is the default identity group that exists in the system.

Cisco ISE creates the following endpoint identity groups:

- Blacklist—This endpoint identity group includes endpoints that are statically assigned to this group in Cisco ISE and endpoints that are block listed in the device registration portal. An authorization profile can be defined in Cisco ISE to permit, or deny network access to endpoints in this group.
- GuestEndpoints—This endpoint identity group includes endpoints that are used by guest users.
- Profiled—This endpoint identity group includes endpoints that match endpoint profiling policies except Cisco IP phones and workstations in Cisco ISE.
- RegisteredDevices—This endpoint identity group includes endpoints, which are registered devices that are added by an employee through the devices registration portal. The profiling service continues to profile these devices normally when they are assigned to this group. Endpoints are statically assigned to this group in Cisco ISE, and the profiling service cannot reassign them to any other identity group. These devices will appear like any other endpoint in the endpoints list. You can edit, delete, and block these devices that you added through the device registration portal from the endpoints list in the Endpoints page in Cisco ISE. Devices that you have blocked in the device registration portal are assigned to the Blacklist endpoint identity group, and an authorization profile that exists in Cisco ISE redirects blocked devices to a URL, which displays “Unauthorised Network Access”, a default portal page to the blocked devices.
- Unknown—This endpoint identity group includes endpoints that do not match any profile in Cisco ISE. In addition to the above system created endpoint identity groups, Cisco ISE creates the following endpoint identity groups, which are associated to the Profiled identity group:
  - Cisco-IP-Phone—An identity group that contains all the profiled Cisco IP phones on your network.
  - Workstation—An identity group that contains all the profiled workstations on your network.

**NEW QUESTION 63**

Users in an organization report issues about having to remember multiple usernames and passwords. The network administrator wants the existing Cisco ISE deployment to utilize an external identity source to alleviate this issue. Which two requirements must be met to implement this change? (Choose two.)

- A. Enable IPC access over port 80.
- B. Ensure that the NAT address is properly configured
- C. Establish access to one Global Catalog server.
- D. Provide domain administrator access to Active Directory.
- E. Configure a secure LDAP connection.

**Answer:** CD

**NEW QUESTION 67**

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

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

D. posture

**Answer:** D

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin\\_guide/b\\_ise\\_admin\\_guide\\_21/b\\_ise\\_admin\\_guide](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide) Posture is a service in Cisco Identity Services Engine (Cisco ISE) that allows you to check the state, also known as posture, of all the endpoints that are connecting to a network for compliance with corporate security policies. This allows you to control clients to access protected areas of a network.

**NEW QUESTION 70**

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 engineers configuring the switch to accept downloadable ACLs from a Cisco ISC server Which two commands should be run to complete the configuration? (Choose two)

- A. aaa authorization auth-proxy default group radius
- B. radius server vsa sand authentication
- C. radius-server attribute 8 include-in-access-req
- D. ip device tracking
- E. dot1x system-auth-control

**Answer:** BC

**NEW QUESTION 73**

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

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

**Answer:** B

**NEW QUESTION 78**

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

**Answer:** A

**NEW QUESTION 80**

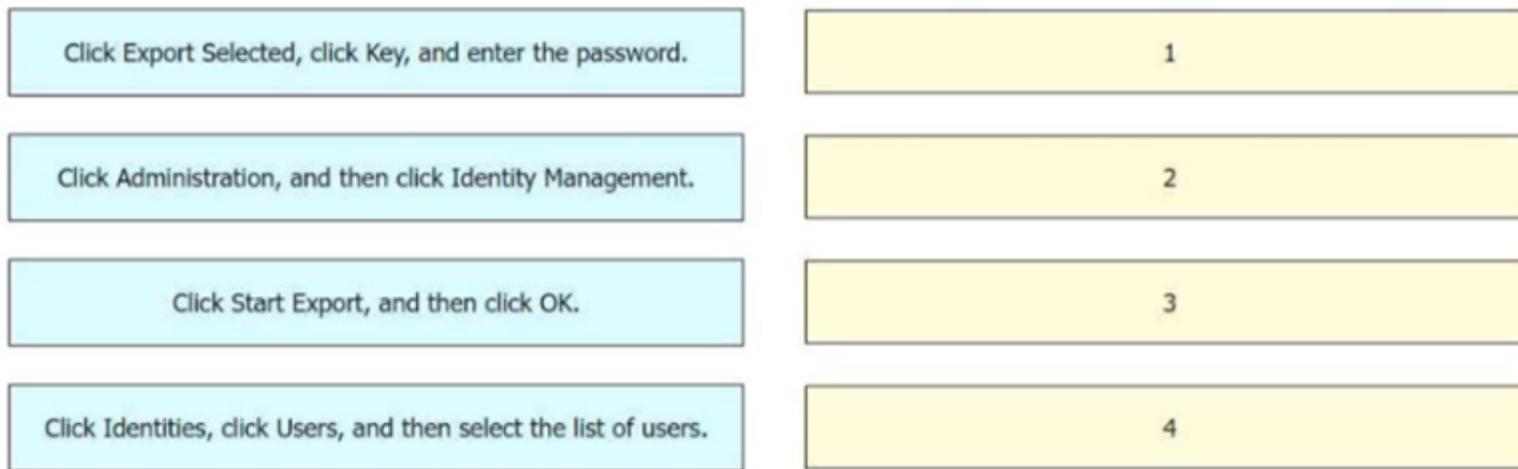
When configuring Active Directory groups, what does the Cisco ISE use to resolve ambiguous group names?

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

**Answer:** D

**NEW QUESTION 84**

An engineer needs to export a file in CSV format, encrypted with the password C1\$c0438563935, and contains users currently configured in Cisco ISE. Drag and drop the steps from the left into the sequence on the right to complete this task.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Graphical user interface, text, application Description automatically generated

**NEW QUESTION 85**

An engineer is configuring the remote access VPN to use Cisco ISE for AAA and needs to conduct posture checks on the connecting endpoints After the endpoint connects, it receives its initial authorization result and continues onto the compliance scan What must be done for this AAA configuration to allow compliant access to the network?

- A. Configure the posture authorization so it defaults to unknown status
- B. Fix the CoA port number
- C. Ensure that authorization only mode is not enabled
- D. Enable dynamic authorization within the AAA server group

**Answer:** D

**NEW QUESTION 87**

An administrator is adding network devices for a new medical building into Cisco ISE. These devices must be in a network device group that is identifying them as "Medical Switch" so that the policies can be made separately for the endpoints connecting through them. Which configuration item must be changed in the network device within Cisco ISE to accomplish this goal?

- A. Change the device type to Medical Switch.
- B. Change the device profile to Medical Switch.
- C. Change the model name to Medical Switch.
- D. Change the device location to Medical Switch.

**Answer:** A

**NEW QUESTION 91**

Which Cisco ISE solution ensures endpoints have the latest version of antivirus updates installed before being allowed access to the corporate network?

- A. Threat Services
- B. Profiling Services
- C. Provisioning Services
- D. Posture Services

**Answer:** D

**NEW QUESTION 93**

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 94**

An administrator is configuring sponsored guest access using Cisco ISE Access must be restricted to the sponsor portal to ensure that only necessary employees can issue sponsored accounts and employees must be classified to do so What must be done to accomplish this task?

- A. Configure an identity-based access list in Cisco ISE to restrict the users allowed to login

- B. Edit the sponsor portal to only accept members from the selected groups
- C. Modify the sponsor groups assigned to reflect the desired user groups
- D. Create an authorization rule using the Guest Flow condition to authorize the administrators

**Answer:** C

#### NEW QUESTION 97

An engineer is implementing network access control using Cisco ISE and needs to separate the traffic based on the network device ID and use the IOS device sensor capability. Which probe must be used to accomplish this task?

- A. HTTP probe
- B. NetFlow probe
- C. network scan probe
- D. RADIUS probe

**Answer:** D

#### Explanation:

<https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/200292-Configure-Device-Sensor> <http://www.network-node.com/blog/2016/1/2/ise-20-profiling>

#### NEW QUESTION 98

An engineer is configuring Cisco ISE policies to support MAB for devices that do not have 802.1X capabilities. The engineer is configuring new endpoint identity groups as conditions to be used in the AuthZ policies, but noticed that the endpoints are not hitting the correct policies. What must be done in order to get the devices into the right policies?

- A. Manually add the MAC addresses of the devices to endpoint ID groups in the context visibility database.
- B. Create an AuthZ policy to identify Unknown devices and provide partial network access prior to profiling.
- C. Add an identity policy to dynamically add the IP address of the devices to their endpoint identity groups.
- D. Identify the non 802.1X supported device types and create custom profiles for them to profile into.

**Answer:** D

#### NEW QUESTION 101

An administrator must block access to BYOD endpoints that were onboarded without a certificate and have been reported as stolen in the Cisco ISE My Devices Portal. Which condition must be used when configuring an authorization policy that sets DenyAccess permission?

- A. Endpoint Identity Group is Blocklist, and the BYOD state is Registered.
- B. Endpoint Identify Group is Blocklist, and the BYOD state is Pending.
- C. Endpoint Identity Group is Blocklist, and the BYOD state is Lost.
- D. Endpoint Identity Group is Blocklist, and the BYOD state is Reinstate.

**Answer:** A

#### Explanation:

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin\\_guide/b\\_ISE\\_26\\_admin\\_guide/b\\_ISE\\_admin\\_26\\_](https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ISE_26_admin_guide/b_ISE_admin_26_)

#### NEW QUESTION 105

An engineer tests Cisco ISE posture services on the network and must configure the compliance module to automatically download and install on endpoints Which action accomplishes this task for VPN users?

- A. Create a Cisco AnyConnect configuration and Client Provisioning policy within Cisco ISE.
- B. Configure the compliance module to be downloaded from within the posture policy.
- C. Push the compliance module from Cisco FTD prior to attempting posture.
- D. Use a compound posture condition to check for the compliance module and download if needed.

**Answer:** A

#### NEW QUESTION 107

A company manager is hosting a conference. Conference participants must connect to an open guest SSID and only use a preassigned code that they enter into the guest portal prior to gaining access to the network. How should the manager configure Cisco ISE to accomplish this goal?

- A. Create entries in the guest identity group for all participants.
- B. Create an access code to be entered in the AUP page.
- C. Create logins for each participant to give them sponsored access.
- D. Create a registration code to be entered on the portal splash page.

**Answer:** B

#### NEW QUESTION 108

A network administrator is configuring client provisioning resource policies for client machines and must ensure that an agent pop-up is presented to the client when attempting to connect to the network Which configuration item needs to be added to allow for this'?

- A. the client provisioning URL in the authorization policy
- B. a temporal agent that gets installed onto the system
- C. a remote posture agent proxying the network connection

D. an API connection back to the client

**Answer: C**

**NEW QUESTION 112**

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. Configure authorization settings for guest users
- C. Create and manage guest user accounts
- D. Authenticate guest users to Cisco ISE

**Answer: C**

**NEW QUESTION 115**

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. Guest
- C. BYOD
- D. Blacklist

**Answer: D**

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless\\_Networks/Unified\\_Access/BYOD\\_Desig](https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless_Networks/Unified_Access/BYOD_Desig.html) The Blacklist identity group is system generated and maintained by ISE to prevent access to lost or stolen devices. In this design guide, two authorization profiles are used to enforce the permissions for wireless and wired devices within the Blacklist:

- > Blackhole WiFi Access
- > Blackhole Wired Access

**NEW QUESTION 116**

An organization wants to improve their BYOD processes to have Cisco ISE issue certificates to the BYOD endpoints. Currently, they have an active certificate authority and do not want to replace it with Cisco ISE. What must be configured within Cisco ISE to accomplish this goal?

- A. Create a certificate signing request and have the root certificate authority sign it.
- B. Add the root certificate authority to the trust store and enable it for authentication.
- C. Create an SCEP profile to link Cisco ISE with the root certificate authority.
- D. Add an OCSP profile and configure the root certificate authority as secondary.

**Answer: C**

**Explanation:**

Ref: [https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine-software/116068-configure-pr](https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine-software/116068-configure-pr.html)

**NEW QUESTION 117**

Refer to the exhibit.



An organization recently implemented network device administration using Cisco ISE. Upon testing the ability to access all of the required devices, a user in the Cisco ISE group IT Admins is attempting to login to a device in their organization's finance department but is unable to. What is the problem?

- A. The IT training rule is taking precedence over the IT Admins rule.
- B. The authorization conditions wrongly allow IT Admins group no access to finance devices.
- C. The finance location is not a condition in the policy set.
- D. The authorization policy doesn't correctly grant them access to the finance devices.

**Answer: D**

**NEW QUESTION 118**

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

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

**Answer: A**

**NEW QUESTION 122**

Which two actions must be verified to confirm that the internet is accessible via guest access when configuring a guest portal? (Choose two.)

- A. The guest device successfully associates with the correct SSID.
- B. The guest user gets redirected to the authentication page when opening a browser.
- C. The guest device has internal network access on the WLAN.
- D. The guest device can connect to network file shares.
- E. Cisco ISE sends a CoA upon successful guest authentication.

**Answer: BE**

**NEW QUESTION 125**

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

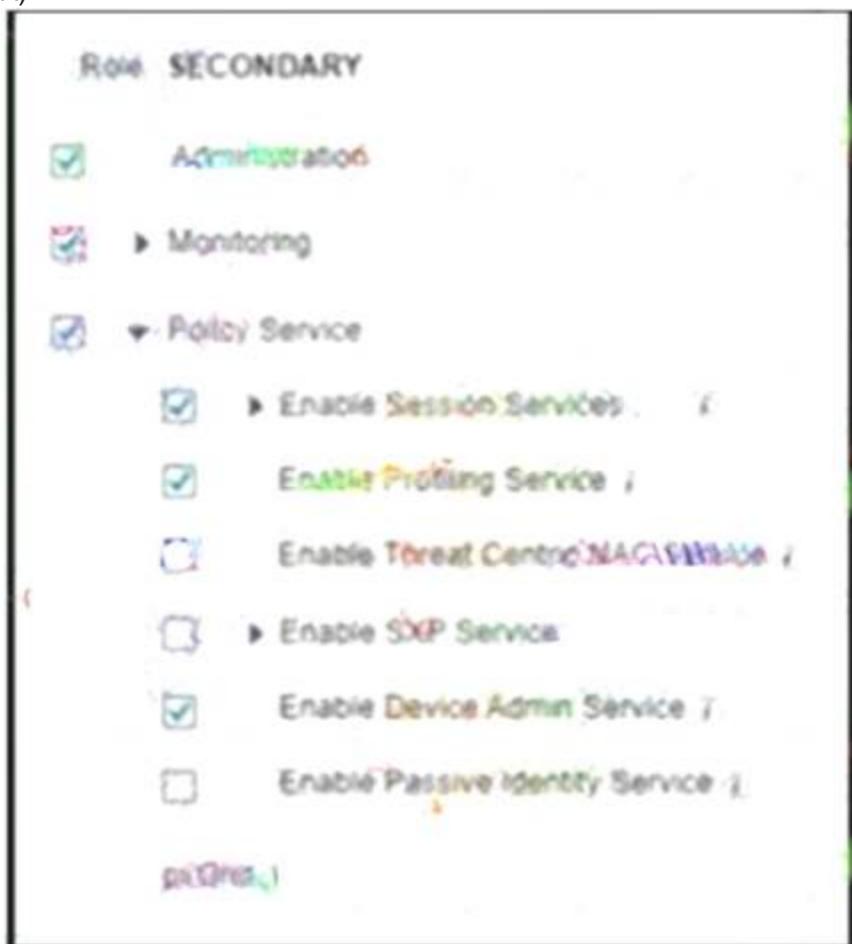
- A. dot1x pae authenticator
- B. dot1x system-auth-control
- C. authentication host-mode single-host
- D. aaa server radius dynamic-author

**Answer: A**

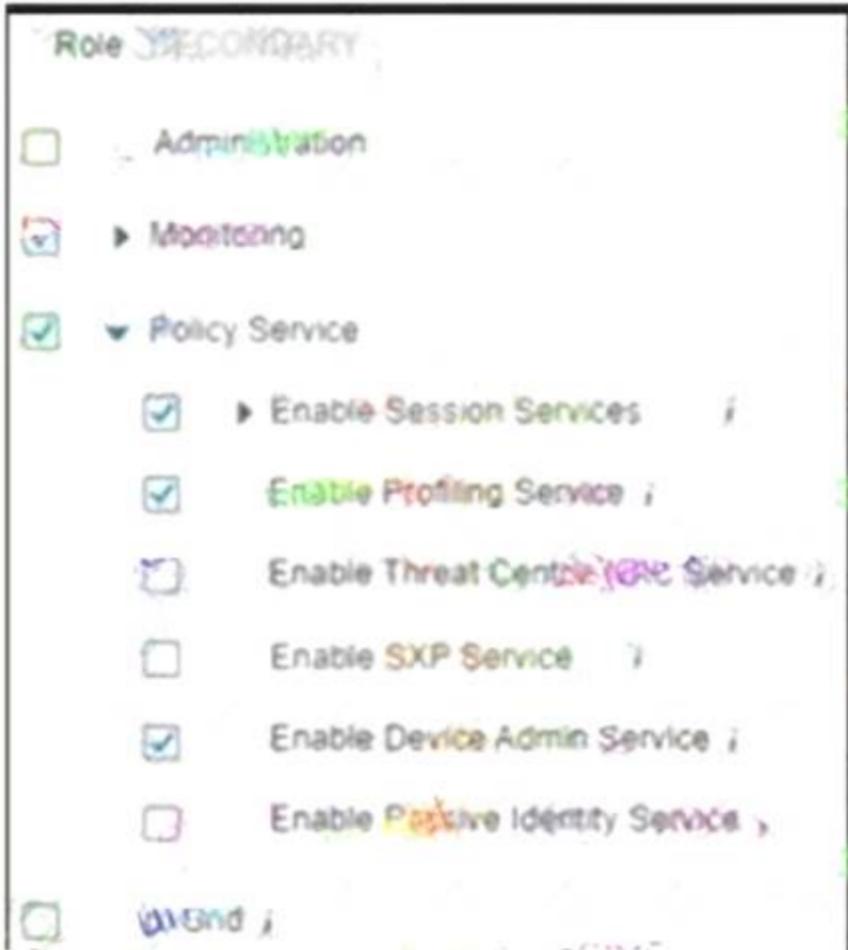
**NEW QUESTION 126**

An engineer builds a five-node distributed Cisco ISE deployment. The first two deployed nodes are responsible for the primary and secondary administration and monitoring personas. Which persona configuration is necessary to have the remaining three Cisco ISE nodes serve as dedicated nodes in the Cisco ISE cube that is responsible only for handling the RADIUS and TACACS+ authentication requests, identity lookups, and policy evaluation?

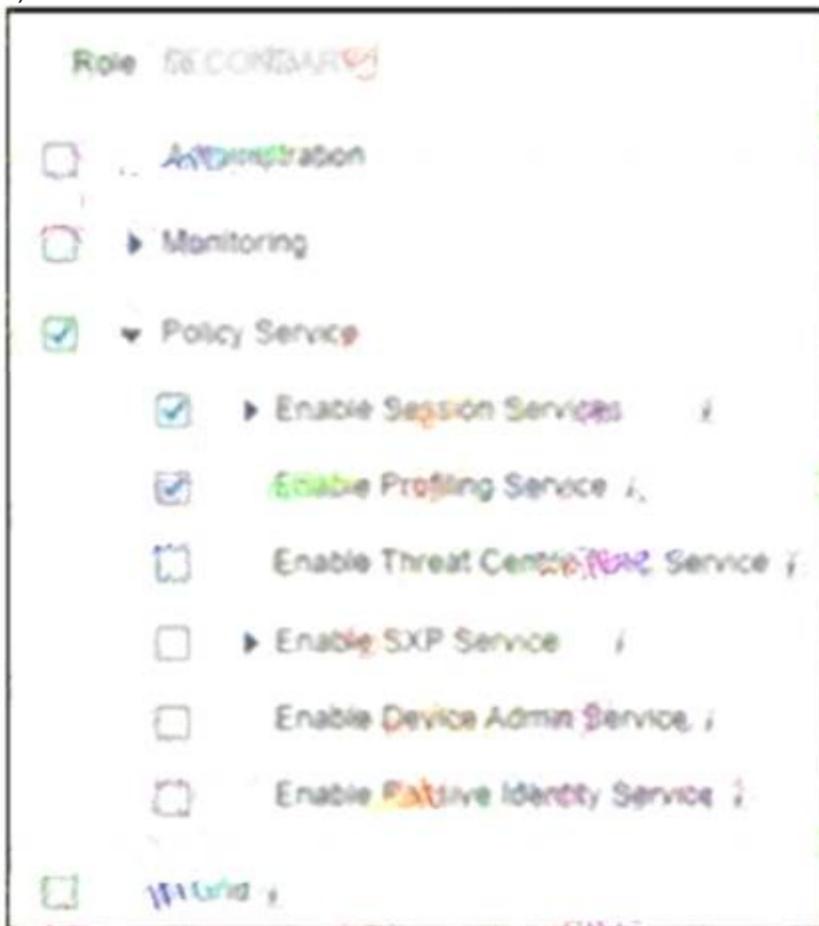
A)



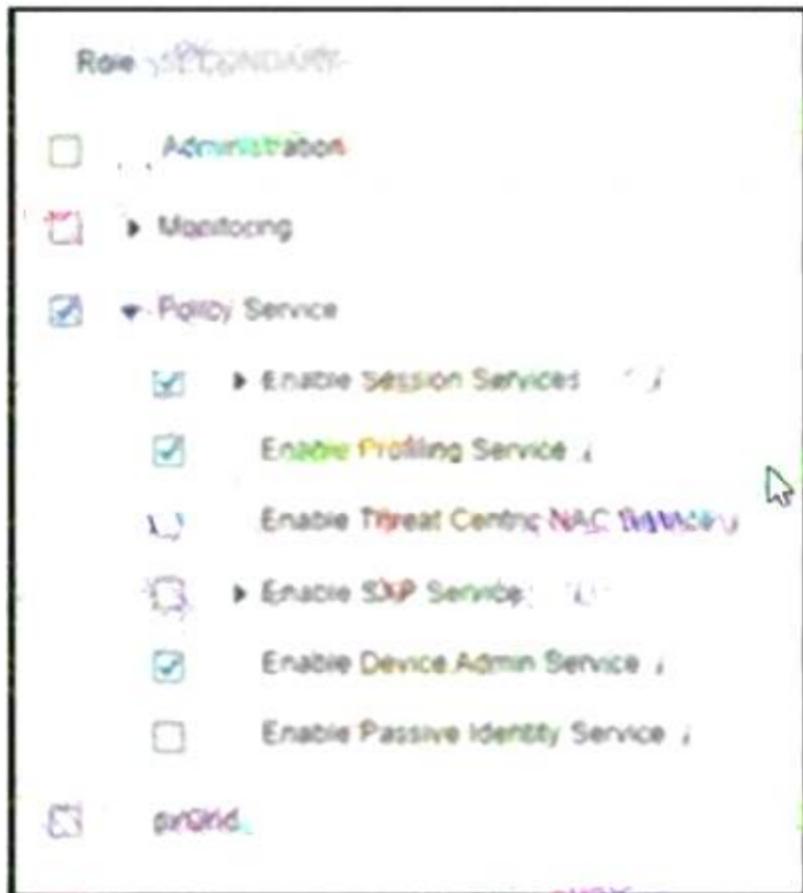
B)



C)



D)



- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

**NEW QUESTION 127**

A network administrator is currently using Cisco ISE to authenticate devices and users via 802.1X. There is now a need to also authorize devices and users using EAP-TLS. Which two additional components must be configured in Cisco ISE to accomplish this? (Choose two.)

- A. Network Device Group
- B. Serial Number attribute that maps to a CA Server
- C. Common Name attribute that maps to an identity store
- D. Certificate Authentication Profile
- E. EAP Authorization Profile

Answer: CD

**NEW QUESTION 128**

Which profiling probe collects the user-agent string?

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

Answer: C

**NEW QUESTION 130**

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

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

Answer: B

**NEW QUESTION 131**

A new employee just connected their workstation to a Cisco IP phone. The network administrator wants to ensure that the Cisco IP phone remains online when the user disconnects their Workstation from the corporate network. Which CoA configuration meets this requirement?

- A. Port Bounce
- B. Reauth
- C. NoCoA
- D. Disconnect

Answer: C

**Explanation:**

<https://ciscocustomer.lookbookhq.com/iseguidedjourney/ISE-profiling-design>

**NEW QUESTION 132**

An administrator wants to configure network device administration and is trying to decide whether to use TACACS\* or RADIUS. A reliable protocol must be used that can check command authorization. Which protocol meets these requirements and why?

- A. TACACS+ because it runs over TCP
- B. RADIUS because it runs over UDP
- C. RADIUS because it runs over TCP.
- D. TACACS+ because it runs over UDP

**Answer:** A

**NEW QUESTION 135**

An engineer is configuring 802.1X and wants it to be transparent from the users' point of view. The implementation should provide open authentication on the switch ports while providing strong levels of security for non-authenticated devices. Which deployment mode should be used to achieve this?

- A. closed
- B. low-impact
- C. open
- D. high-impact

**Answer:** B

**Explanation:**

<https://www.lookingpoint.com/blog/cisco-ise-wired-802.1x-deployment-monitormode#:~:text=Low%20im>

**NEW QUESTION 140**

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 redirected to the external identity source.
- C. Authentication is granted.
- D. Authentication fails.

**Answer:** D

**NEW QUESTION 144**

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

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

**Answer:** BD

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/admin\\_guide/b\\_ise\\_admin\\_guide\\_20/b\\_ise\\_admin\\_guide](https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/admin_guide/b_ise_admin_guide_20/b_ise_admin_guide)

**NEW QUESTION 148**

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

- A. Unknown
- B. whitelist
- C. end point
- D. profiled
- E. blacklist

**Answer:** ADE

**Explanation:**

Default Endpoint Identity Groups Created for Endpoints

Cisco ISE creates the following five endpoint identity groups by default: Blacklist, GuestEndpoints, Profiled, RegisteredDevices, and Unknown. In addition, it creates two more identity groups, such as Cisco-IP-Phone and Workstation, which are associated to the Profiled (parent) identity group. A parent group is the default identity group that exists in the system.

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin\\_guide/b\\_ise\\_admin\\_guide\\_24/b\\_ise\\_admin\\_guide](https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide)

**NEW QUESTION 152**

An employee logs on to the My Devices portal and marks a currently on-boarded device as 'Lost'. Which two actions occur within Cisco ISE as a result of this action? (Choose two)

- A. Certificates provisioned to the device are not revoked

- B. BYOD Registration status is updated to No
- C. The device access has been denied
- D. BYOD Registration status is updated to Unknown.
- E. The device status is updated to Stolen

**Answer:** AB

**Explanation:**

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

**NEW QUESTION 155**

A network administrator is configuring authorization policies on Cisco ISE. There is a requirement to use AD group assignments to control access to network resources. After a recent power failure and Cisco ISE rebooting itself, the AD group assignments no longer work. What is the cause of this issue?

- A. The AD join point is no longer connected.
- B. The AD DNS response is slow.
- C. The certificate checks are not being conducted.
- D. The network devices ports are shut down.

**Answer:** A

**Explanation:**

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-3/ise\\_active\\_directory\\_integration/b\\_ISE\\_AD\\_integration\\_](https://www.cisco.com/c/en/us/td/docs/security/ise/2-3/ise_active_directory_integration/b_ISE_AD_integration_)

**NEW QUESTION 156**

Which are two characteristics of TACACS+? (Choose two)

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

**Answer:** AC

**NEW QUESTION 159**

An engineer is configuring TACACS+ within Cisco ISE for use with a non-Cisco network device. They need to send special attributes in the Access-Accept response to ensure that the users are given the appropriate access. What must be configured to accomplish this?

- A. dACLs to enforce the various access policies for the users
- B. custom access conditions for defining the different roles
- C. shell profiles with custom attributes that define the various roles
- D. TACACS+ command sets to provide appropriate access

**Answer:** C

**NEW QUESTION 160**

An engineer wants to learn more about Cisco ISE and deployed a new lab with two nodes. Which two persona configurations allow the engineer to successfully test redundancy of a failed node? (Choose two.)

- A. Configure one of the Cisco ISE nodes as the Health Check node.
- B. Configure both nodes with the PAN and MnT personas only.
- C. Configure one of the Cisco ISE nodes as the primary PAN and MnT personas and the other as the secondary.
- D. Configure both nodes with the PAN, MnT, and PSN personas.
- E. Configure one of the Cisco ISE nodes as the primary PAN and PSN personas and the other as the secondary.

**Answer:** CE

**NEW QUESTION 161**

An engineer has been tasked with standing up a new guest portal for customers that are waiting in the lobby. There is a requirement to allow guests to use their social media logins to access the guest network to appeal to more customers. What must be done to accomplish this task?

- A. Create a sponsor portal to allow guests to create accounts using their social media logins.
- B. Create a sponsored guest portal and enable social media in the external identity sources.
- C. Create a self-registered guest portal and enable the feature for social media logins.
- D. Create a hotspot portal and enable social media login for network access.

**Answer:** C

**NEW QUESTION 162**

Refer to the exhibit.

Interface	MAC Address	Method	Domain	Status	Fg	Session ID
Gi1/0/6	0024.142d.e47f	mab	UNKNOWN	Auth		C0A82902000000C2BBAF5D3
Gi1/0/1	0050.5698.0720	dot1x	UNKNOWN	Unauth		C0A82902000000152BCD0BE7

An engineer is configuring a client but cannot authenticate to Cisco ISE. During troubleshooting, the show authentication sessions command was issued to display

the authentication status of each port Which command gives additional information to help identify the problem with the authentication?

- A. show authentication sessions
- B. show authentication sessions Interface Gi1/0/1 output
- C. show authentication sessions interface Gi1/0/1 details
- D. show authentication sessions output

**Answer: C**

#### NEW QUESTION 165

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

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

**Answer: D**

#### NEW QUESTION 169

A Cisco ISE administrator needs to ensure that guest endpoint registrations are only valid for 1 day. When testing the guest policy flow, the administrator sees that the Cisco ISE does not delete the endpoint in the Guest Endpoints identity store after one day and allows access to the guest network after that period. Which configuration is causing this problem?

- A. The RADIUS policy set for guest access is set to allow repeated authentication of the same device.
- B. The length of access is set to 7 days in the Guest Portal Settings.
- C. The Endpoint Purge Policy is set to 30 days for guest devices.
- D. The Guest Account Purge Policy is set to 15 days.

**Answer: C**

#### NEW QUESTION 173

An administrator is configuring TACACS+ on a Cisco switch but cannot authenticate users with Cisco ISE. The configuration contains the correct key of Cisc039712287. but the switch is not receiving a response from the Cisco ISE instance What must be done to validate the AAA configuration and identify the problem with the TACACS+ servers?

- A. Check for server reachability using the test aaa group tacacs+ admin <key> legacy command.
- B. Test the user account on the server using the test aaa group radius server CUCS user admin pass <key> legacy command.
- C. Validate that the key value is correct using the test aaa authentication admin <key> legacy command.
- D. Confrm the authorization policies are correct using the test aaa authorization admin drop legacy command.

**Answer: A**

#### Explanation:

<https://medium.com/training-course-ccna-security-210-260/ccna-security-part-3-implementing-aaa-in-cisco-ios>

#### NEW QUESTION 178

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

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

**Answer: D**

#### Explanation:

[https://www.cisco.com/c/en/us/td/docs/security/ise/1-1-1/installation\\_guide/ise\\_install\\_guide/ise\\_deploy.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-1-1/installation_guide/ise_install_guide/ise_deploy.html) if your deployment has two nodes and you deregister the secondary node, both nodes in this primary-secondary pair are restarted. (The former primary and secondary nodes become standalone.)

#### NEW QUESTION 182

Refer to the exhibit

```
interface GigabitEthernet1/0/1
 authentication host-mode multi-auth
 authentication post-control auto
 mab
 dot1x pae authenticator
```

Which switch configuration change will allow only one voice and one data endpoint on each port?

- A. Multi-auth to multi-domain
- B. Mab to dot1x
- C. Auto to manual
- D. Multi-auth to single-auth

**Answer: A**

**Explanation:**

<https://community.cisco.com/t5/network-access-control/cisco-ise-multi-auth-or-multi-host/m-p/3750907>

**NEW QUESTION 186**

An administrator is configuring a switch port for use with 802.1X. What must be done so that the port will allow voice and multiple data endpoints?

- A. Configure the port with the authentication host-mode multi-auth command
- B. Connect the data devices to the port, then attach the phone behind them.
- C. Use the command authentication host-mode multi-domain on the port
- D. Connect a hub to the switch port to allow multiple devices access after authentication

**Answer:** A

**NEW QUESTION 189**

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

- A. Endpoint
- B. unknown
- C. blacklist
- D. white list
- E. profiled

**Answer:** B

**Explanation:**

If you do not have a matching profiling policy, you can assign an unknown profiling policy. The endpoint is therefore profiled as Unknown. The endpoint that does not match any profile is grouped within the Unknown identity group. The endpoint profiled to the Unknown profile requires that you create a profile with an attribute or a set of attributes collected for that endpoint.

[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)

**NEW QUESTION 192**

Which compliance status is set when a matching posture policy has been defined for that endpoint, but all the mandatory requirements during posture assessment are not met?

- A. unauthorized
- B. untrusted
- C. non-compliant
- D. unknown

**Answer:** C

**NEW QUESTION 194**

What are the minimum requirements for deploying the Automatic Failover feature on Administration nodes in a distributed Cisco ISE deployment?

- A. a primary and secondary PAN and a health check node for the Secondary PAN
- B. a primary and secondary PAN and no health check nodes
- C. a primary and secondary PAN and a pair of health check nodes
- D. a primary and secondary PAN and a health check node for the Primary PAN

**Answer:** D

**NEW QUESTION 195**

An employee must access the internet through the corporate network from a new mobile device that does not support native supplicant provisioning provided by Cisco ISE. Which portal must the employee use to provision to the device?

- A. BYOD
- B. Personal Device
- C. My Devices
- D. Client Provisioning

**Answer:** C

**NEW QUESTION 196**

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