

Exam Questions 300-715

Implementing and Configuring Cisco Identity Services Engine (SISE)

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



NEW QUESTION 1

A Cisco ISE administrator must restrict specific endpoints from accessing the network while in closed mode. The requirement is to have Cisco ISE centrally store the endpoints to restrict access from. What must be done to accomplish this task"

- A. Add each MAC address manually to a blocklist identity group and create a policy denying access
- B. Create a logical profile for each device's profile policy and block that via authorization policies.
- C. Create a profiling policy for each endpoint with the cdpCacheDeviceId attribute.
- D. Add each IP address to a policy denying access.

Answer: B

NEW QUESTION 2

What does a fully distributed Cisco ISE deployment include?

- A. PAN and PSN on the same node while MnTs are on their own dedicated nodes.
- B. PAN and MnT on the same node while PSNs are on their own dedicated nodes.
- C. All Cisco ISE personas on their own dedicated nodes.
- D. All Cisco ISE personas are sharing the same node.

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_setup_cisco_is

NEW QUESTION 3

Refer to the exhibit.

```
Switch(config)# gigabitEthernet 1/0/2  
  
Switch(config)# authentication port-control auto  
  
Switch(config)# authentication host-mode multi-auth
```

In which scenario does this switch configuration apply?

- A. when allowing a hub with multiple clients connected
- B. when passing IP phone authentication
- C. when allowing multiple IP phones to be connected
- D. when preventing users with hypervisor

Answer: A

Explanation:

[https://www.linkedin.com/pulse/mac-authentication-bypass-priyanka-kumari#:~:text=Multi%2Dauthentication%](https://www.linkedin.com/pulse/mac-authentication-bypass-priyanka-kumari#:~:text=Multi%2Dauthentication%20)

NEW QUESTION 4

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 user not found, continue
- D. Dot1x and if authentication failed, continue

Answer: A

NEW QUESTION 5

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

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

Answer: B

Explanation:

When the inactivity timer is enabled, the switch monitors the activity from authenticated endpoints. When the inactivity timer expires, the switch removes the authenticated session. The inactivity timer for MAB can be statically configured on the switch port, or it can be dynamically assigned using the RADIUS Idle-Timeout attribute

NEW QUESTION 6

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. aaa group server radius proxy
- C. ip http port <port number>
- D. aaa group server radius

Answer: C

NEW QUESTION 7

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

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

Answer: B

Explanation:

[https://www.oreilly.com/library/view/cisco-ise-for/9780133103632/ch16.html#:~:text=What%20is%20a%&text=The%20802.1X%20transactions%20are,Identity%20Services%20Engine%20\(ISE\).](https://www.oreilly.com/library/view/cisco-ise-for/9780133103632/ch16.html#:~:text=What%20is%20a%&text=The%20802.1X%20transactions%20are,Identity%20Services%20Engine%20(ISE).)

NEW QUESTION 8

An engineer is testing Cisco ISE policies in a lab environment with no support for a deployment server. In order to push supplicant profiles to the workstations for testing, firewall ports will need to be opened. From which Cisco ISE persona should this traffic be originating?

- A. monitoring
- B. policy service
- C. administration
- D. authentication

Answer: B

NEW QUESTION 9

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 10

In a Cisco ISE split deployment model, which load is split between the nodes?

- A. AAA
- B. network admission
- C. log collection
- D. device admission

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/install_guide/b_ise_InstallationGuide26.pdf

NEW QUESTION 10

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

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

Answer: C

NEW QUESTION 12

During a 802.1X deployment, an engineer must identify failed authentications without causing problems for the connected endpoint. Which command will successfully achieve this?

- A. dot1x system-auth-control
- B. dot1x pae authenticator
- C. authentication open
- D. authentication port-control auto

Answer: C

NEW QUESTION 13

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 17

An engineer is configuring sponsored guest access and needs to limit each sponsored guest to a maximum of two devices. There are other guest services in production that rely on the default guest types. How should this configuration change be made without disrupting the other guest services currently offering three or more guest devices per user?

- A. Create an ISE identity group to add users to and limit the number of logins via the group configuration.
- B. Create a new guest type and set the maximum number of devices sponsored guests can register
- C. Create an LDAP login for each guest and tag that in the guest portal for authentication.
- D. Create a new sponsor group and adjust the settings to limit the devices for each guest.

Answer: D

NEW QUESTION 18

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 20

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 22

A network administrator changed a Cisco ISE deployment from pilot to production and noticed that the JVM memory utilization increased significantly. The administrator suspects this is due to replication between the nodes What must be configured to minimize performance degradation?

- A. Review the profiling policies for any misconfiguration
- B. Enable the endpoint attribute filter
- C. Change the reauthenticate interval.
- D. Ensure that Cisco ISE is updated with the latest profiler feed update

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-3/admin_guide/b_ise_admin_guide_23/b_ise_admin_guide

NEW QUESTION 27

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_

NEW QUESTION 29

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

NEW QUESTION 34

What are two differences of TACACS+ compared to RADIUS? (Choose two.)

- A. TACACS+ uses a connectionless transport protocol, whereas RADIUS uses a connection-oriented transport protocol.
- B. TACACS+ encrypts the full packet payload, whereas RADIUS only encrypts the password.
- C. TACACS+ only encrypts the password, whereas RADIUS encrypts the full packet payload.
- D. TACACS+ uses a connection-oriented transport protocol, whereas RADIUS uses a connectionless transport protocol.
- E. TACACS+ supports multiple sessions per user, whereas RADIUS supports one session per user.

Answer: BD

NEW QUESTION 38

What is the deployment mode when two Cisco ISE nodes are configured in an environment?

- A. distributed
- B. active
- C. standalone
- D. standard

Answer: A

NEW QUESTION 41

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 used to accomplish this task?

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

Answer: B

NEW QUESTION 42

A network engineer needs to ensure that the access credentials are not exposed during the 802.1x authentication among components. Which two protocols should complete this task?

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

Answer: BD

NEW QUESTION 45

Which Cisco ISE deployment model is recommended for an enterprise that has over 50,000 concurrent active endpoints?

- A. large deployment with fully distributed nodes running all personas
- B. medium deployment with primary and secondary PAN/MnT/pxGrid nodes with shared PSNs
- C. medium deployment with primary and secondary PAN/MnT/pxGrid nodes with dedicated PSNs
- D. small deployment with one primary and one secondary node running all personas

Answer: C

NEW QUESTION 48

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 49

Which two fields are available when creating an endpoint on the context visibility page of Cisco IS? (Choose two)

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

Answer: AC

NEW QUESTION 54

An engineer is configuring ISE for network device administration and has devices that support both protocols. What are two benefits of choosing TACACS+ over RADUs for these devices? (Choose two.)

- A. TACACS+ is FIPS compliant while RADIUS is not
- B. TACACS+ is designed for network access control while RADIUS is designed for role-based access.
- C. TACACS+ uses secure EAP-TLS while RADIUS does not.
- D. TACACS+ provides the ability to authorize specific commands while RADIUS does not
- E. TACACS+ encrypts the entire payload being sent while RADIUS only encrypts the password.

Answer: DE

NEW QUESTION 56

An engineer is creating a new authorization policy to give the endpoints access to VLAN 310 upon successful authentication The administrator tests the 802.1X authentication for the endpoint and sees that it is authenticating successfully What must be done to ensure that the endpoint is placed into the correct VLAN?

- A. Configure the switchport access vlan 310 command on the switch port
- B. Ensure that the security group is not preventing the endpoint from being in VLAN 310
- C. Add VLAN 310 in the common tasks of the authorization profile
- D. Ensure that the endpoint is using The correct policy set

Answer: C

NEW QUESTION 58

An administrator is configuring a Cisco ISE posture agent in the client provisioning policy and needs to ensure that the posture policies that interact with clients are monitored, and end users are required to comply with network usage rules Which two resources must be added in Cisco ISE to accomplish this goal? (Choose two)

- A. AnyConnect
- B. Supplicant
- C. Cisco ISE NAC
- D. PEAP
- E. Posture Agent

Answer: AE

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/vpn_client/anyconnect/anyconnect40/administration/guide/b_An
https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_configure_clie

NEW QUESTION 63

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 66

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.

Click Export Selected, click Key, and enter the password.	1
Click Administration, and then click Identity Management.	2
Click Start Export, and then click OK.	3
Click Identities, click Users, and then select the list of users.	4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application Description automatically generated

NEW QUESTION 69

An engineer deploys Cisco ISE and must configure Active Directory to then use information from Active Directory in an authorization policy. Which two components must be configured, in addition to Active Directory groups, to achieve this goal? (Choose two)

- A. Active Directory External Identity Sources
- B. Library Condition for External Identit
- C. External Groups
- D. Identity Source Sequences
- E. LDAP External Identity SourcesE Library Condition for Identity Group: User Identity Group

Answer: AB

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 75

Which RADIUS attribute is used to dynamically assign the inactivity active timer for MAB users from the Cisco ISE node'?

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

Answer: C

NEW QUESTION 79

An engineer needs to configure a new certificate template in the Cisco ISE Internal Certificate Authority to prevent BYOD devices from needing to re-enroll when their MAC address changes. Which option must be selected in the Subject Alternative Name field?

- A. Common Name and GUID
- B. MAC Address and GUID
- C. Distinguished Name
- D. Common Name

Answer: B

Explanation:

The engineer needs to select the option of MAC Address and GUID in the Subject Alternative Name field when configuring a new certificate template in the Cisco ISE Internal Certificate Authority to prevent BYOD devices from needing to re-enroll when their MAC address changes.

NEW QUESTION 80

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_

NEW QUESTION 81

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

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

Answer: BD

NEW QUESTION 84

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 89

An administrator made changes in Cisco ISE and needs to apply new permissions for endpoints that have already been authenticated by sending a CoA packet to the network devices. Which IOS command must be configured on the devices to accomplish this goal?

- A. aaa server radius dynamic-author
- B. authentication command bounce-port
- C. authentication command disable-port
- D. aaa nas port extended

Answer: A

NEW QUESTION 93

Which two default guest portals are available with Cisco ISE? (Choose two.)

- A. visitor
- B. WIFI-access
- C. self-registered
- D. central web authentication
- E. sponsored

Answer: CE

NEW QUESTION 94

A network administrator must use Cisco ISE to check whether endpoints have the correct version of antivirus installed Which action must be taken to allow this capability?

- A. Configure a native supplicant profile to be used for checking the antivirus version
- B. Configure Cisco ISE to push the HostScan package to the endpoints to check for the antivirus version.
- C. Create a Cisco AnyConnect Network Visibility Module configuration profile to send the antivirus information of the endpoints to Cisco ISE.
- D. Create a Cisco AnyConnect configuration within Cisco ISE for the Compliance Module and associated configuration files

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_client_prov.html About Anyconnect Network Visibility Module

https://www.cisco.com/c/en/us/td/docs/security/vpn_client/anyconnect/anyconnect45/administration/guide/b_An

NEW QUESTION 97

An administrator is configuring a Cisco WLC for web authentication. Which two client profiling methods are enabled by default if the Apply Cisco ISE Default Settings check box has been selected? (Choose two.)

- A. CDP
- B. DHCP
- C. HTTP
- D. SNMP
- E. LLDP

Answer: AE

NEW QUESTION 98

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 requirement complete this policy? (Choose two)

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

Answer: AD

NEW QUESTION 102

Which two ports do network devices typically use for CoA? (Choose two)

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

Answer: DE

NEW QUESTION 104

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_Desi 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 105

Drag and drop the configuration steps from the left into the sequence on the right to install two Cisco ISE nodes in a distributed deployment.

Register the secondary node.	1
Define personas for the secondary node.	2
Enable Administration and Monitoring personas on the first node.	3
Configure the first node as the primary node.	4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, text, application, email Description automatically generated

NEW QUESTION 110

An engineer is configuring static SGT classification. Which configuration should be used when authentication is disabled and third-party switches are in use?

- A. VLAN to SGT mapping
- B. IP Address to SGT mapping
- C. L3IF to SGT mapping
- D. Subnet to SGT mapping

Answer: B

Explanation:

<https://community.cisco.com/t5/security-knowledge-base/segmentation-strategy/ta-p/3757424>: "The method of sending out IP to SGT mappings from ISE is particularly useful if the access switch does not support TrustSec"

NEW QUESTION 113

Refer to the exhibit. An engineer is creating a new TACACS* command set and cannot use any show commands after toggling into the device with this command set authorization Which configuration is causing this issue?

- A. Question marks are not allowed as wildcards for command sets.
- B. The command set is allowing all commands that are not in the command list
- C. The wildcard command listed is in the wrong format
- D. The command set is working like an ACL and denying every command.

Answer: A

NEW QUESTION 115

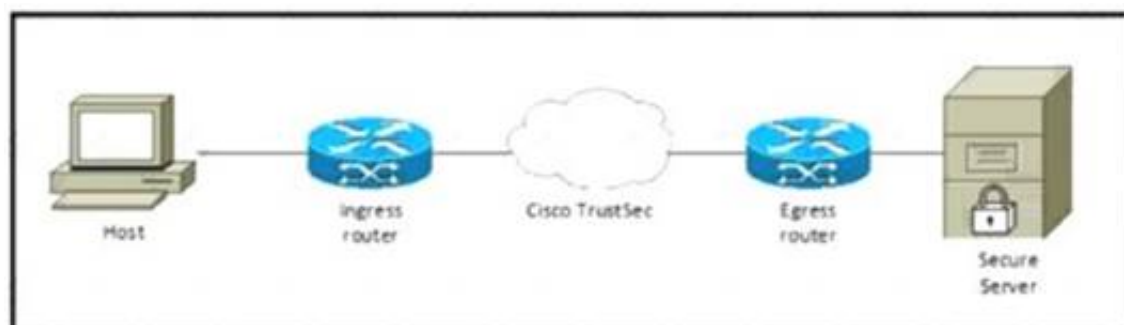
What are two benefits of TACACS+ versus RADIUS for device administration? (Choose two)

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

Answer: CE

NEW QUESTION 118

Refer to the exhibit



Which component must be configured to apply the SGACL?

- A. egress router
- B. host
- C. secure server
- D. ingress router

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/switches/lan/trustsec/configuration/guide/trustsec/arch_over.html#52796

NEW QUESTION 121

A network engineer is configuring Cisco TrustSec and needs to ensure that the Security Group Tag is being transmitted between two devices Where in the Layer 2 frame should this be verified?

- A. CMD filed
- B. 802.1Q filed
- C. Payload
- D. 802.1 AE header

Answer: A

Explanation:

https://www.cisco.com/c/dam/global/en_ca/assets/ciscoconnect/2014/pdfs/policy_defined_segmentation_with_tr (slide 25)

NEW QUESTION 124

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)

Role: SECONDARY

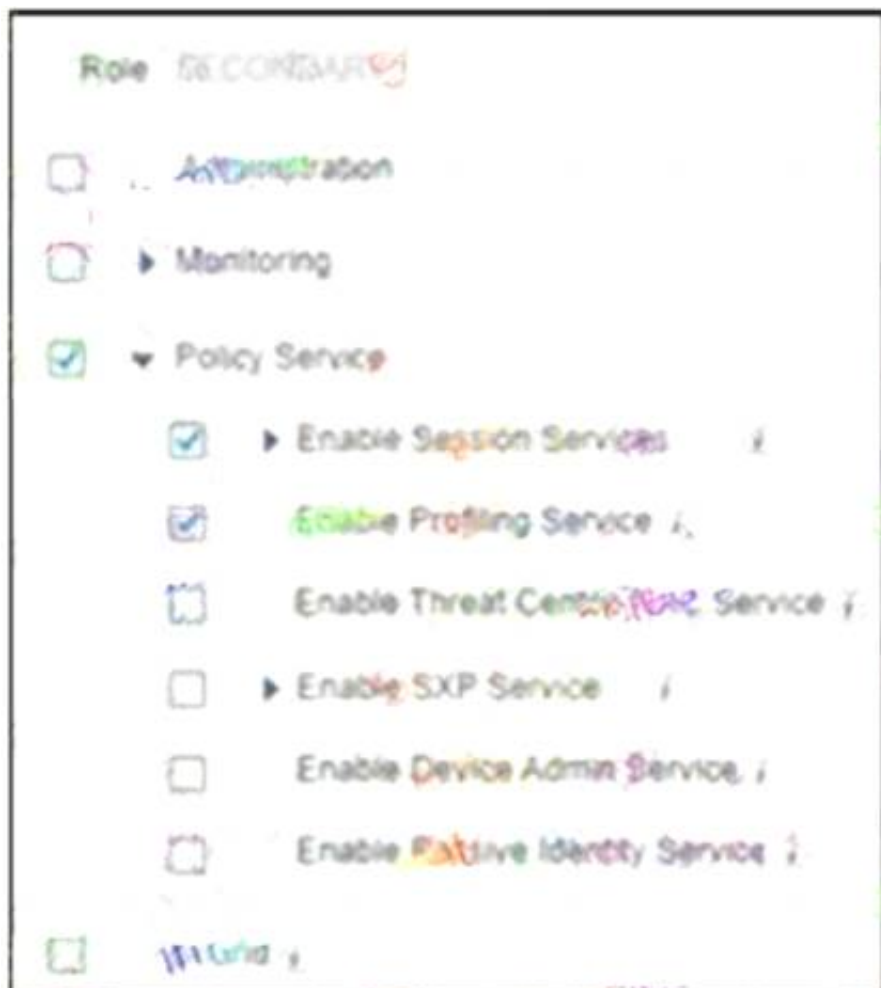
- ☒ Administration
- ☒ Monitoring
- ☒ Policy Service
 - ☒ Enable Session Services
 - ☒ Enable Profiling Service
 - ☒ Enable Threat Control
 - ☒ Enable SXP Service
 - ☒ Enable Device Admin Service
 - ☒ Enable Passive Identity Service

B)

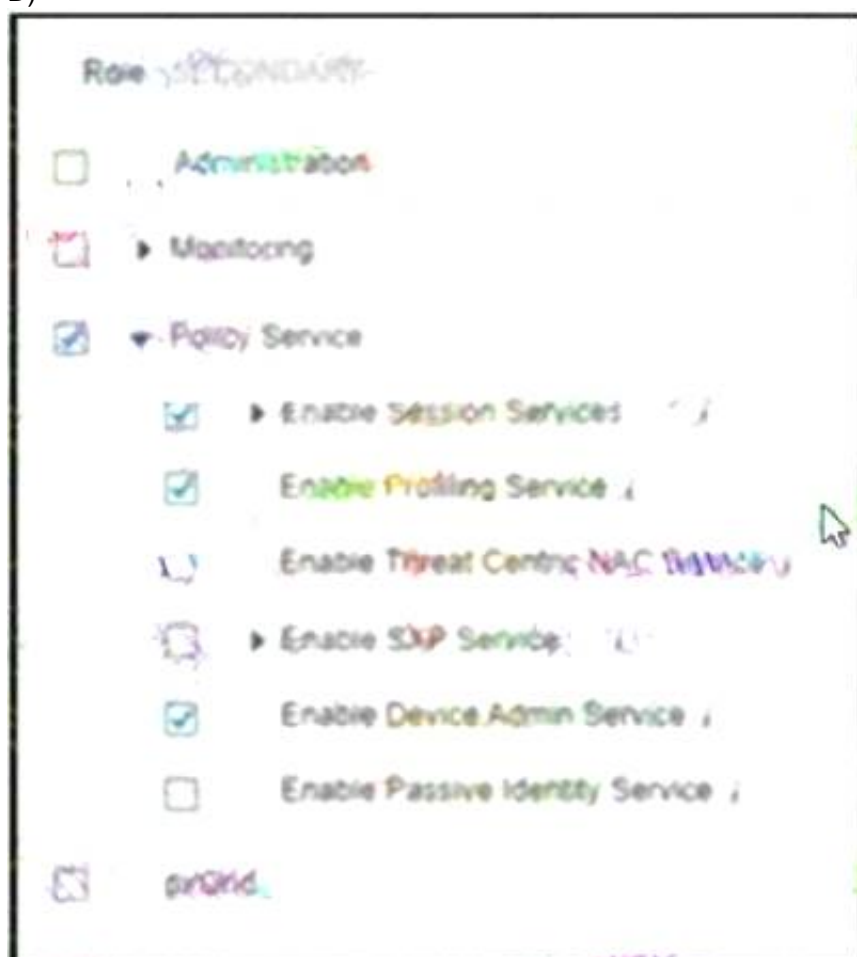
Role: SECONDARY

- ☐ Administration
- ☒ Monitoring
- ☒ Policy Service
 - ☒ Enable Session Services
 - ☒ Enable Profiling Service
 - ☒ Enable Threat Control
 - ☒ Enable SXP Service
 - ☒ Enable Device Admin Service
 - ☒ Enable Passive Identity Service

C)



D)



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

Answer: D

NEW QUESTION 128

An organization is adding new profiling probes to the system to improve profiling on Cisco ISE. The probes must support a common network management protocol to receive information about the endpoints and the ports to which they are connected. What must be configured on the network device to accomplish this goal?

- A. ARP
- B. SNMP
- C. WCCP
- D. ICMP

Answer: B

Explanation:

<https://community.cisco.com/t5/security-documents/ise-profiling-design-guide/ta-p/3739456#toc-hId-79034313>

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

Which two authentication protocols are supported by RADIUS but not by TACACS+? (Choose two.)

- A. MSCHAPv1
B. PAP
C. EAP
D. CHAP
E. MSCHAPV2

Answer: CE

NEW QUESTION 138

Which personas can a Cisco ISE node assume'?

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

Answer: B

Explanation:

https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_dis_deploy.html

The persona or personas of a node determine the services provided by a node. An ISE node can assume any or all of the following personas: Administration, Policy Service, and Monitoring. The menu options that are available through the administrative user interface are dependent on the role and personas that an ISE node assumes. See [Cisco ISE Nodes and Available Menu Options](#) for more information.

NEW QUESTION 139

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 142

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 144

The IT manager wants to provide different levels of access to network devices when users authenticate using TACACS+. The company needs specific commands to be allowed based on the Active Directory group membership of the different roles within the IT department. The solution must minimize the number of objects created in Cisco ISE. What must be created to accomplish this task?

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

Answer: C

NEW QUESTION 149

What is a function of client provisioning?

- A. It ensures an application process is running on the endpoint.
- B. It checks a dictionary' attribute with a value.
- C. It ensures that endpoints receive the appropriate posture agents
- D. It checks the existence date and versions of the file on a client.

Answer: C

NEW QUESTION 151

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 154

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

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

Answer: D

NEW QUESTION 158

A network engineer is configuring guest access and notices that when a guest user registers a second device for access, the first device loses access What must be done to ensure that both devices for a particular user are able to access the guest network simultaneously?

- A. Configure the sponsor group to increase the number of logins.
- B. Use a custom portal to increase the number of logins
- C. Modify the guest type to increase the number of maximum devices
- D. Create an Adaptive Network Control policy to increase the number of devices

Answer: C

Explanation:

https://content.cisco.com/chapter.sjs?uri=/searchable/chapter/content/en/us/td/docs/security/ise/2-7/admin_guide

NEW QUESTION 162

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_

NEW QUESTION 167

A Cisco ISE administrator needs to ensure that guest endpoint registrations are only valid for one 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 Endpoint Purge Policy is set to 30 days for guest devices
- B. The RADIUS policy set for guest access is set to allow repeated authentication of the same device
- C. The length of access is set to 7 days in the Guest Portal Settings
- D. The Guest Account Purge Policy is set to 15 days

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide

NEW QUESTION 169

What is the maximum number of PSN nodes supported in a medium-sized deployment?

- A. three
- B. five
- C. two
- D. eight

Answer: B

NEW QUESTION 171

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 174

An engineer is tasked with placing a guest access anchor controller in the DMZ. Which two ports or port sets must be opened up on the firewall to accomplish this task? (Choose two.)

- A. UDP port 1812 RADIUS
- B. TCP port 161
- C. TCP port 514
- D. UDP port 79
- E. UDP port 16666

Answer: BC

NEW QUESTION 177

Drag the descriptions on the left onto the components of 802.1X on the right.

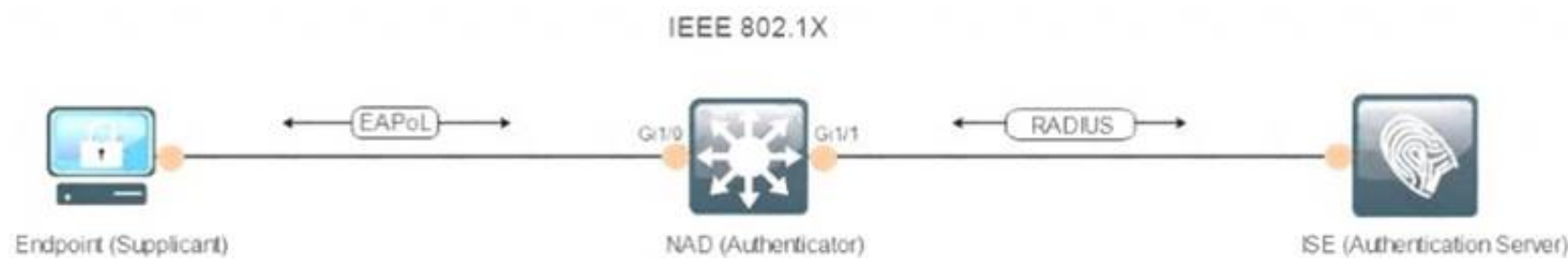
software on the endpoint that communicates with EAP at layer 2	authenticator
device that controls physical access to the network based on the endpoint authentication status	supplicant
device that validates the identity of the endpoint and provides results to another device	authentication server

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<https://netlabz.wordpress.com/2016/09/24/cisco-ise-fundamentals/>



NEW QUESTION 181

An engineer is unable to use SSH to connect to a switch after adding the required CLI commands to the device to enable TACACS+. The device administration license has been added to Cisco ISE, and the required policies have been created. Which action is needed to enable access to the switch?

- A. The ip ssh source-interface command needs to be set on the switch
- B. 802.1X authentication needs to be configured on the switch.
- C. The RSA keypair used for SSH must be regenerated after enabling TACACS+.
- D. The switch needs to be added as a network device in Cisco ISE and set to use TACACS+.

Answer: D

NEW QUESTION 182

A network administrator is setting up wireless guest access and has been unsuccessful in testing client access. The endpoint is able to connect to the SSID but is unable to grant access to the guest network through the guest portal. What must be done to identify the problem?

- A. Use context visibility to verify posture status.
- B. Use the endpoint ID to execute a session trace.
- C. Use the identity group to validate the authorization rules.
- D. Use traceroute to ensure connectivity.

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide

NEW QUESTION 185

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 187

An administrator has added a new Cisco ISE PSN to their distributed deployment. Which two features must the administrator enable to accept authentication requests and profile the endpoints correctly, and add them to their respective endpoint identity groups? (Choose two)

- A. Session Services
- B. Endpoint Attribute Filter
- C. Posture Services
- D. Profiling Services
- E. Radius Service

Answer: DE

NEW QUESTION 189

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. Conrm 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 192

An engineer is configuring posture assessment for their network access control and needs to use an agent that supports using service conditions as conditions for the assessment. The agent should be run as a background process to avoid user interruption but when it is run. the user can see it. What is the problem?

- A. The engineer is using the "Anyconnect" posture agent but should be using the "Stealth Anyconnect posture agent
- B. The posture module was deployed using the headend instead of installing it with SCCM
- C. The user was in need of remediation so the agent appeared m the notifications
- D. The proper permissions were no! given to the temporal agent to conduct the assessment

Answer: A

NEW QUESTION 194

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 197

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

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

Answer: A

NEW QUESTION 198

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

- A. hotspot
- B. new AD user 802 1X authentication
- C. posture
- D. BYOD
- E. guest AUP

Answer: BC

NEW QUESTION 200

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 201

A network engineer needs to deploy 802.1x using Cisco ISE in a wired network environment where thin clients download their system image upon bootup using PXE. For which mode must the switch ports be configured?

- A. closed
- B. restricted
- C. monitor
- D. low-impact

Answer: D

NEW QUESTION 202

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

Answer: B

NEW QUESTION 203

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 207

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 208

An administrator is configuring posture with Cisco ISE and wants to check that specific services are present on the workstations that are attempting to access the network. What must be configured to accomplish this goal?

- A. Create a registry posture condition using a non-OPSWAT API version.
- B. Create an application posture condition using a OPSWAT API version.
- C. Create a compound posture condition using a OPSWAT API version.
- D. Create a service posture condition using a non-OPSWAT API version.

Answer: D

NEW QUESTION 210

A policy is being created in order to provide device administration access to the switches on a network. There is a requirement to ensure that if the session is not actively being used, after 10 minutes, it will be disconnected. Which task must be configured in order to meet this requirement?

- A. session timeout
- B. idle time
- C. monitor
- D. set attribute as

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ISE_admin_guide_24/m_admin_ac

NEW QUESTION 212

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