

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 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. policy Services
- B. Primary Administration
- C. Monitoring and Troubleshooting
- D. Platform Exchange Grid

Answer: C

NEW QUESTION 5

An administrator replaced a PSN in the distributed Cisco ISE environment. When endpoints authenticate to it, the devices are not getting the right profiles or attributes and as a result, are not hitting the correct policies. This was working correctly on the previous PSN. Which action must be taken to ensure the endpoints get identified?

- A. Verify that the MnT node is tracking the session.
- B. Verify the shared secret used between the switch and the PSN.
- C. Verify that the profiling service is running on the new PSN.
- D. Verify that the authentication request the PSN is receiving is not malformed.

Answer: C

NEW QUESTION 6

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 7

A network administrator notices that after a company-wide shut down, many users cannot connect their laptops to the corporate SSID. What must be done to permit access in a timely manner?

- A. Authenticate the user's system to the secondary Cisco ISE node and move this user to the primary with the renewed certificate.
- B. Connect this system as a guest user and then redirect the web auth protocol to log in to the network.
- C. Add a certificate issue from the CA server, revoke the expired certificate, and add the new certificate in system.
- D. Allow authentication for expired certificates within the EAP-TLS section under the allowed protocols.

Answer: A

NEW QUESTION 8

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

Answer: B

Explanation:

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

NEW QUESTION 9

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 10

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. Profiling
- B. Guest access
- C. Client provisioning
- D. Posture

Answer: A

NEW QUESTION 10

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 14

Select and Place

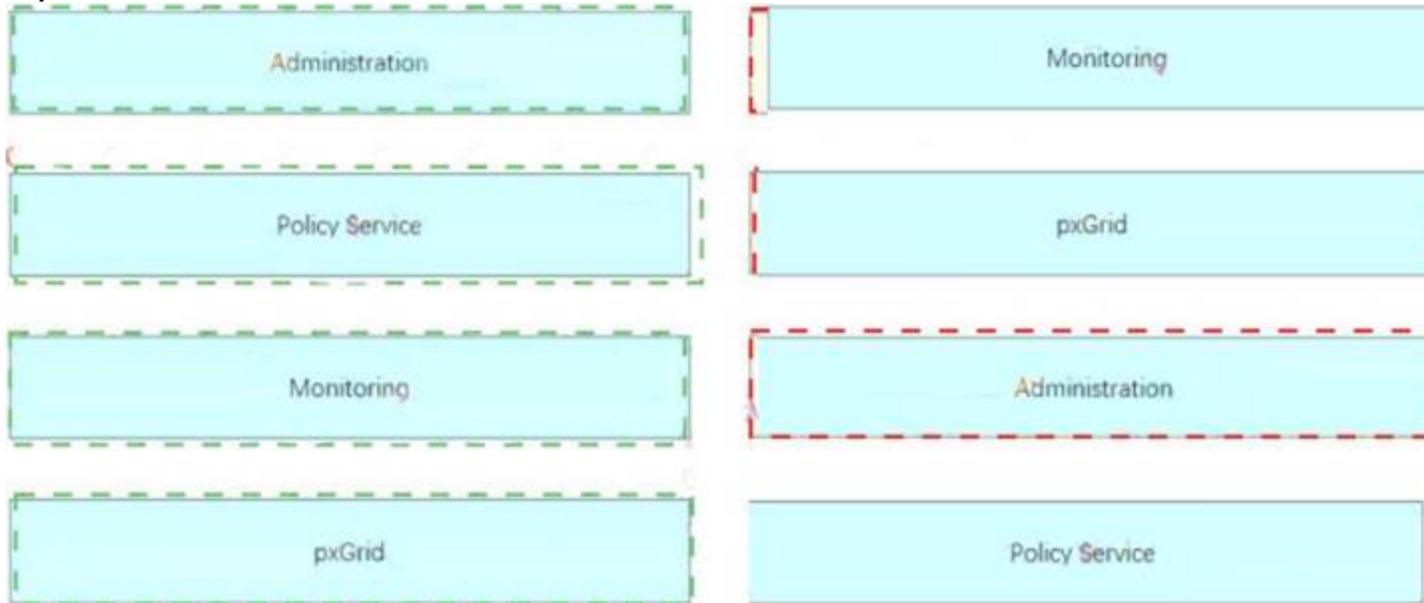
Administration	provides advanced troubleshooting tools that can be used to effectively manage the network and resources
Policy Service	shares context sensitive information from Cisco ISE to subscenes
Monitoring	manages all system-related configuration and configurations that relate to functionality such 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:



NEW QUESTION 18

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 21

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 24

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%20&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%20&text=The%20802.1X%20transactions%20are,Identity%20Services%20Engine%20(ISE).)

NEW QUESTION 27

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 31

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 enables the profiling service for Cisco ISE to use for authorization policies while in closed mode. When the endpoints connect, they receive limited access so that the profiling probes can gather information and Cisco ISE can assign the correct profiles. They are using the default values within Cisco ISE. but the devices do not change their access due to the new profile. What is the problem'?

- A. In closed mode, profiling does not work unless CDP is enabled.
- B. The profiling probes are not able to collect enough information to change the device profile
- C. The profiler feed is not downloading new information so the profiler is inactive
- D. The default profiler configuration is set to No CoA for the reauthentication setting

Answer: D

NEW QUESTION 36

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 37

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

NEW QUESTION 38

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 40

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

- A. unknown
- B. known

- C. invalid
- D. compliant
- E. valid

Answer: AD

NEW QUESTION 45

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 48

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 51

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 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 53

A network administrator is configuring a secondary cisco ISE node from the backup configuration of the primary cisco ISE node to create a high availability pair The Cisco ISE CA certificates and keys must be manually backed up from the primary Cisco ISE and copied into the secondary Cisco ISE Which command must be issued for this to work?

- A. copy certificate Ise
- B. application configure Ise
- C. certificate configure Ise
- D. Import certificate Ise

Answer: B

Explanation:

<https://community.cisco.com/t5/network-access-control/ise-certificate-import-export/m-p/3847746>

NEW QUESTION 54

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 56

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 57

How is policy services node redundancy achieved in a deployment?

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

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 60

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

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

Answer: DE

Explanation:

Cisco ISE implements an ARP cache in the profiling service, so that you can reliably map the IP addresses and the MAC addresses of endpoints. For the ARP cache to function, you must enable either the DHCP probe or the RADIUS probe. The DHCP and RADIUS probes carry the IP addresses and the MAC addresses of endpoints in the payload data. The dhcp-requested address attribute in the DHCP probe and the Framed-IP-address attribute in the RADIUS probe carry the IP addresses of endpoints, along with their MAC addresses, which can be mapped and stored in the ARP cache.

https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide

NEW QUESTION 61

An engineer needs to configure a compliance policy on Cisco ISE to ensure that the latest encryption software is running on the C drive of all endpoints. Drag and drop the configuration steps from the left into the sequence on the right to accomplish this task.

Answer Area

select Posture and Disk Encryption Condition	step 1
access the Disk Encryption Condition window	step 2
select the Encryption settings	step 3
access Policy Elements and Conditions	step 4

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Diagram Description automatically generated

NEW QUESTION 66

An engineer needs to configure a Cisco ISE server to issue a CoA for endpoints already authenticated to access the network. The CoA option must be enforced on a session, even if there are multiple active sessions on a port. What must be configured to accomplish this task?

- A. the Reauth CoA option in the Cisco ISE system profiling settings enabled
- B. an endpoint profiling policy with the No CoA option enabled
- C. an endpoint profiling policy with the Port Bounce CoA option enabled
- D. the Port Bounce CoA option in the Cisco ISE system profiling settings enabled

Answer: A

NEW QUESTION 71

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 75

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 79

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 82

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 85

While configuring Cisco TrustSec on Cisco IOS devices the engineer must set the CTS device ID and password in order for the devices to authenticate with each other. However after this is complete the devices are not able to property authenticate What issue would cause this to happen even if the device ID and passwords are correct?

- A. The device aliases are not matching
- B. The 5GT mappings have not been defined
- C. The devices are missing the configuration cts credentials trustsec verify 1
- D. EAP-FAST is not enabled

Answer: B

NEW QUESTION 88

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 89

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

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

Answer: C

NEW QUESTION 91

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 96

An engineer is configuring 802.1X and is testing out their policy sets. After authentication, some endpoints are given an access-reject message but are still allowed onto the network. What is causing this issue to occur?

- A. The switch port is configured with authentication event server dead action authorize vlan.
- B. The authorization results for the endpoints include a dACL allowing access.
- C. The authorization results for the endpoints include the Trusted security group tag.
- D. The switch port is configured with authentication open.

Answer: D

NEW QUESTION 99

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

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

Answer: BD

Explanation:

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

NEW QUESTION 103

An organization is hosting a conference and must make guest accounts for several of the speakers attending. The conference ended two days early but the guest accounts are still being used to access the network. What must be configured to correct this?

- A. Create an authorization rule denying sponsored guest access.
- B. Navigate to the Guest Portal and delete the guest accounts.
- C. Create an authorization rule denying guest access.
- D. Navigate to the Sponsor Portal and suspend the guest accounts.

Answer: D

NEW QUESTION 106

Refer to the exhibit.

Which two configurations are needed on a catalyst switch for it to be added as a network access device in a Cisco ISE that is being used for 802.1X authentications? (Choose two)

- radius server ISE1
address ipv4 192.168.255.17 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- tacacs server ISE1
address ipv4 192.168.255.15 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- radius server ISE1
address ipv4 192.168.255.19 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- radius server ISE1
address ipv4 192.168.255.16 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52
- tacacs server ISE1
address ipv4 192.168.255.18 auth-port 1645 acct-port 1646
key 7 0607542D5F4A0213034C1E0A1F0F2E2122733F3429000D12055A5A52

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

Answer: AC

NEW QUESTION 107

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 112

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 114

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 118

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 121

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 123

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 126

An administrator connects an HP printer to a dot1x enable port, but the printer is not accessible. Which feature must the administrator enable to access the printer?

- A. MAC authentication bypass
- B. change of authorization
- C. TACACS authentication
- D. RADIUS authentication

Answer: A

Explanation:

<https://community.cisco.com/t5/network-access-control/ise-for-printer-security/m-p/3933216>

NEW QUESTION 128

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 133

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 136

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 137

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 138

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 142

Drag and drop the description from the left onto the protocol on the right that is used to carry out system authentication, authentication, and accounting.

combines authentication and authorization	TACACS+
encrypts the entire payload	
encrypts only the password field	
separates authentication and authorization	RADIUS
primary use is device administration	
primary use is network access	

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, chart, application Description automatically generated
<https://www.mbne.net/tech-notes/aaa-tacacs-radius>

NEW QUESTION 147

What is an advantage of using EAP-TLS over EAP-MS-CHAPv2 for client authentication?

- A. EAP-TLS uses a username and password for authentication to enhance security, while EAP-MS-CHAPv2 does not.
- B. EAP-TLS secures the exchange of credentials, while EAP-MS-CHAPv2 does not.
- C. EAP-TLS uses a device certificate for authentication to enhance security, while EAP-MS-CHAPv2 does not.
- D. EAP-TLS uses multiple forms of authentication, while EAP-MS-CHAPv2 only uses one.

Answer: C

NEW QUESTION 151

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 155

An organization has a fully distributed Cisco ISE deployment. When implementing probes, an administrator must scan for unknown endpoints to learn the IP-to-MAC address bindings. The scan is complete on one FPSN, but the information is not available on the others. What must be done to make the information available?

- A. Scanning must be initiated from the PSN that last authenticated the endpoint
- B. Cisco ISE must learn the IP-MAC binding of unknown endpoints via DHCP profiling, not via scanning
- C. Scanning must be initiated from the MnT node to centrally gather the information
- D. Cisco ISE must be configured to learn the IP-MAC binding of unknown endpoints via RADIUS authentication, not via scanning

Answer: B

NEW QUESTION 157

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 161

An administrator is migrating device administration access to Cisco ISE from the legacy TACACS+ solution that used only privilege 1 and 15 access levels. The organization requires more granular controls of the privileges and wants to customize access levels 2-5 to correspond with different roles and access needs. Besides defining a new shell profile in Cisco ISE, what must be done to accomplish this configuration?

- A. Enable the privilege levels in Cisco ISE
- B. Enable the privilege levels in the IOS devices.
- C. Define the command privileges for levels 2-5 in the IOS devices
- D. Define the command privileges for levels 2-5 in Cisco ISE

Answer: B

Explanation:

<https://learningnetwork.cisco.com/s/blogs/a0D3i000002eeWTEAY/cisco-ios-privilege-levels>

NEW QUESTION 166

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 168

Which two Cisco ISE deployment models require two nodes configured with dedicated PAN and MnT personas? (Choose two.)

- A. three PSN nodes
- B. seven PSN nodes with one PxGrid node
- C. five PSN nodes with one PxGrid node
- D. two PSN nodes with one PxGrid node

E. six PSN nodes

Answer: CD

NEW QUESTION 172

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

NEW QUESTION 175

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 in the notifications
- D. The proper permissions were not given to the temporal agent to conduct the assessment

Answer: A

NEW QUESTION 177

An administrator adds a new network device to the Cisco ISE configuration to authenticate endpoints to the network. The RADIUS test fails after the administrator configures all of the settings in Cisco ISE and adds the proper configurations to the switch. What is the issue?"

- A. The endpoint profile is showing as "unknown."
- B. The endpoint does not have the appropriate credentials for network access.
- C. The shared secret is incorrect on the switch or on Cisco ISE.
- D. The certificate on the switch is self-signed not a CA-provided certificate.

Answer: B

NEW QUESTION 180

An administrator is manually adding a device to a Cisco ISE identity group to ensure that it is able to access the network when needed without authentication. Upon testing, the administrator notices that the device never hits the correct authorization policy line using the condition EndPoints LogicalProfile EQUALS static_list. Why is this occurring?

- A. The dynamic logical profile is overriding the statically assigned profile
- B. The device is changing identity groups after profiling instead of remaining static
- C. The logical profile is being statically assigned instead of the identity group
- D. The identity group is being assigned instead of the logical profile

Answer: C

NEW QUESTION 185

An engineer is configuring a posture policy for Windows 10 endpoints and wants to ensure that users in each AD group have different conditions to meet to be compliant. What must be done to accomplish this task?

- A. identify The users groups needed for different policies and create service conditions to map each one to its posture requirement
- B. Configure a simple condition for each AD group and use it in the posture policy for each use case
- C. Use the authorization policy within the policy set to group each AD group with their respective posture policy
- D. Change the posture requirements to use an AD group for each use case then use those requirements in the posture policy

Answer: C

NEW QUESTION 186

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