



Cisco

Exam Questions 300-715

Implementing and Configuring Cisco Identity Services Engine (SISE)

NEW QUESTION 1

An administrator is configuring cisco ISE to authenticate users logging into network devices using TACACS+. The administrator is not seeing any of the authentication in the TACACS+ live logs. Which action ensures the users are able to log into the network devices?

- A. Enable the device administration service in the Administration persona
- B. Enable the session services in the administration persona
- C. Enable the service sessions in the PSN persona.
- D. Enable the device administration service in the PSN persona.

Answer: D

Explanation:

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

NEW QUESTION 2

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 3

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 4

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 5

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 6

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 7

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 8

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 9

A Cisco device has a port configured in multi-authentication mode and is accepting connections only from hosts assigned the SGT of SGT_0422048549 The VLAN trunk link supports a maximum of 8 VLANS What is the reason for these restrictions?

- A. The device is performing inline tagging without acting as a SXP speaker
- B. The device is performing mime tagging while acting as a SXP speaker
- C. The IP subnet addresses are dynamically mapped to an SGT.
- D. The IP subnet addresses are statically mapped to an SGT

Answer: C

NEW QUESTION 10

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 10

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 11

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 blacklist 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 16

What should be considered when configuring certificates for BYOD?

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

Answer: A

NEW QUESTION 17

A company is attempting to improve their BYOD policies and restrict access based on certain criteria. The company's subnets are organized by building. Which attribute should be used in order to gain access based on location?

- A. static group assignment
- B. IP address
- C. device registration status
- D. MAC address

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_

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%2D)

NEW QUESTION 20

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 25

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 26

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 28

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 29

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 30

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 33

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 36

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 40

What is a requirement for Feed Service to work?

- A. TCP port 3080 must be opened between Cisco ISE and the feed server
- B. Cisco ISE has a base license.
- C. Cisco ISE has access to an internal server to download feed update
- D. Cisco ISE has Internet access to download feed update

Answer: C

NEW QUESTION 43

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 45

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

- A. the minimum number that a predefined condition provides

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

Answer: C

NEW QUESTION 48

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 51

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

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

Answer: AD

NEW QUESTION 53

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 57

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 58

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 59

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 62

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

What is a difference between RADIUS and TACACS+?

- A. RADIUS uses connection-oriented transport, and TACACS+ uses best-effort delivery.
- B. RADIUS offers multiprotocol support, and TACACS+ supports only IP traffic.
- C. RADIUS combines authentication and authorization functions, and TACACS+ separates them.
- D. RADIUS supports command accounting, and TACACS+ does not.

Answer: C

NEW QUESTION 70

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 71

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 73

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 76

Refer to the exhibit.

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

A network engineer is configuring the switch to accept downloadable ACLs from a Cisco ICS 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 send authentication
- C. radius-server attribute 8 include-in-access-req
- D. ip device tracking
- E. dot1x system-auth-control

Answer: BC

NEW QUESTION 81

Which two values are compared by the binary comparison (unction in authentication that is based on Active Directory?

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

Answer: A

Explanation:

Basic certificate checking does not require an identity source. If you want binary comparison checking for the certificates, you must select an identity source. If you select Active Directory as an identity source, subject and common name and subject alternative name (all values) can be used to look up a user.
[https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/ b_ise_admin_guide_sample_chapter_01110.html](https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/admin_guide/b_ise_admin_guide_13/b_ise_admin_guide_sample_chapter_01110.html)

NEW QUESTION 86

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 90

A laptop was stolen and a network engineer added it to the block list endpoint identity group What must be done on a new Cisco ISE deployment to redirect the laptop and restrict access?

- A. Select DenyAccess within the authorization policy.
- B. Ensure that access to port 8443 is allowed within the ACL.
- C. Ensure that access to port 8444 is allowed within the ACL.
- D. Select DROP under If Auth fail within the authentication policy.

Answer: C

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 93

An engineer is enabling a newly configured wireless SSID for tablets and needs visibility into which other types of devices are connecting to it. What must be done on the Cisco WLC to provide this information to Cisco ISE9

- A. enable IP Device Tracking
- B. enable MAC filtering
- C. enable Fast Transition
- D. enable mDNS snooping

Answer: B

NEW QUESTION 94

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 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 101

There are several devices on a network that are considered critical and need to be placed into the ISE database and a policy used for them. The organization does not want to use profiling. What must be done to accomplish this goal?

- A. Enter the MAC address in the correct Endpoint Identity Group.
- B. Enter the MAC address in the correct Logical Profile.
- C. Enter the IP address in the correct Logical Profile.
- D. Enter the IP address in the correct Endpoint Identity Group.

Answer: A

NEW QUESTION 106

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 111

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 112

Which type of identity store allows for creating single-use access credentials in Cisco ISE?

- A. OpenLDAP
- B. Local
- C. PKI
- D. RSA SecurID

Answer: D

NEW QUESTION 115

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 properly 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 116

An organization is migrating its current guest network to Cisco ISE and has 1000 guest users in the current database There are no resources to enter this information into the Cisco ISE database manually. What must be done to accomplish this task efficiently?

- A. Use a CSV file to import the guest accounts
- B. Use SQL to link me existing database to Ctsco ISE
- C. Use a JSON fie to automate the migration of guest accounts
- D. Use an XML file to change the existing format to match that of Cisco ISE

Answer: A

NEW QUESTION 117

Refer to the exhibit. An engineer is creating a new TACACS* command set and cannot use any show commands after toggging 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 121

What are two differences between the RADIUS and TACACS+ protocols'? (Choose two.)

- A. RADIUS is a Cisco proprietary protocol, whereas TACACS+ is an open standard protocol
- B. TACACS+uses TCP port 49. whereas RADIUS uses UDP ports 1812 and 1813.
- C. RADIUS offers multiprotocol support, whereas TACACS+ does not
- D. RADIUS combines authentication and authorization, whereas TACACS+ does not
- E. RADIUS enables encryption of all the packets, whereas with TACACS+. only the password is encrypted.

Answer: BD

NEW QUESTION 125

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 130

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 133

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 135

A customer wants to set up the Sponsor portal and delegate the authentication flow to a third party for added security while using Kerberos Which database should be used to accomplish this goal?

- A. RSA Token Server
- B. Active Directory
- C. Local Database
- D. LDAP

Answer: B

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ise_admin_guide_26/b_ise_admin_guide

NEW QUESTION 138

An administrator is configuring posture assessment in Cisco ISE for the first time. Which two components must be uploaded to Cisco ISE to use Anyconnect for the agent configuration in a client provisioning policy? (Choose two.)

- A. Anyconnect network visibility module
- B. Anyconnect compliance module

- C. AnyConnectProfile.xml file
- D. AnyConnectProfile.xsd file
- E. Anyconnect agent image

Answer: BD

NEW QUESTION 141

An administrator is attempting to join a new node to the primary Cisco ISE node, but receives the error message "Node is Unreachable". What is causing this error?

- A. The second node is a PAN node.
- B. No administrative certificate is available for the second node.
- C. The second node is in standalone mode.
- D. No admin privileges are available on the second node.

Answer: B

Explanation:

<https://www.ciscopress.com/articles/article.asp?p=2812072>

NEW QUESTION 143

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 146

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

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

Answer: C

NEW QUESTION 149

An engineer is using the low-impact mode for a phased deployment of Cisco ISE and is trying to connect to the network prior to authentication. Which access will be denied in this?

- A. HTTP
- B. DNS
- C. EAP
- D. DHCP

Answer: A

NEW QUESTION 154

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 155

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 158

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

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 164

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 165

Which two roles are taken on by the administration person within a Cisco ISE distributed environment? (Choose two.)

- A. backup
- B. secondary
- C. standby
- D. primary
- E. active

Answer: BD

NEW QUESTION 170

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 172

A network administrator must configure Cisco SE Personas in the company to share session information via syslog. Which Cisco ISE personas must be added to syslog receivers to accomplish this goal?

- A. pxGrid
- B. admin
- C. policy services
- D. monitor

Answer: D

NEW QUESTION 173

What is a difference between TACACS+ and RADIUS in regards to encryption?

- A. TACACS+ encrypts only the password, whereas RADIUS encrypts the username and password.
- B. TACACS+ encrypts the username and password, whereas RADIUS encrypts only the password.
- C. TACACS+ encrypts the password, whereas RADIUS sends the entire packet in clear text.
- D. TACACS+ encrypts the entire packet, whereas RADIUS encrypts only the password.

Answer: D

NEW QUESTION 174

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 175

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 176

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 177

What is a function of client provisioning?

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

Answer: A

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_client_prov.html#:~:text=After%20

NEW QUESTION 179

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 180

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