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| https://www.exam-tests.com/300-715-exam/Cisco.300-715.v2023-08-15.q196.html | |

NEW QUESTION: 1

Select and Place

Answer:

NEW QUESTION: 2

Refer to the exhibit:

Refer to the exhibit 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 ([LEAVE A REPLY](#))

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

NEW QUESTION: 3

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

Answer:

NEW QUESTION: 4

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 device administration service in the PSN persona.
- D. Enable the service sessions in the PSN persona.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Which Cisco ISE deployment model provides redundancy by having every node in the deployment configured with the Administration, Policy Service, and Monitoring personas to protect from a complete node failure?

- A. hybrid
- B. two-node
- C. distributed
- D. dispersed

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 6

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 field
- B. 802.1Q field
- C. Payload
- D. 802.1 AE header

Answer: A ([LEAVE A REPLY](#))

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

NEW QUESTION: 7

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

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

Answer: (SHOW ANSWER)

Section: Architecture and Deployment

NEW QUESTION: 8

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: (SHOW ANSWER)

Explanation

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

NEW QUESTION: 9

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Refer to the exhibit.

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

By default, which traffic does an 802.1X-enabled switch allow before authentication?

- A. no traffic
- B. traffic permitted in the default ACL on the switch
- C. traffic permitted in the port dACL on Cisco ISE
- D. all traffic

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 12

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

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 13

Which types of design are required in the Cisco ISE ATP program?

- A. schematic and detailed
- B. top down and bottom up
- C. high-level and low-level designs
- D. preliminary and final

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

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

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

Answer: **A,D,E** ([LEAVE A REPLY](#))

Default Endpoint Identity Groups Created for Endpoints

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

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide_24_new_chapter_010101.html#ID1678

NEW QUESTION: 15

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

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

Answer: **A** ([LEAVE A REPLY](#))

Section: BYOD

NEW QUESTION: 16

Refer to the exhibit.

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

Answer: **C,D** ([LEAVE A REPLY](#))

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NEW QUESTION: 17

Which two events trigger a CoA for an endpoint when CoA is enabled globally for ReAuth?

(Choose two.)

- A. updating of endpoint dACL.
- B. endpoint marked as lost in My Devices Portal
- C. endpoint profile transition from Unknown to Windows 10-Workstation
- D. addition of endpoint to My Devices Portal
- E. endpoint profile transition from Aop.e-dev.ee to App.e-iPhone

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 18

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

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

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 19

An administrator needs to allow guest devices to connect to a private network without requiring usernames and passwords. Which two features must be configured to allow for this?

(Choose two.)

- A. hotspot guest portal
- B. central WebAuth
- C. device registration WebAuth
- D. local WebAuth
- E. self-registered guest portal

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

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

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

Answer: A,D,E ([LEAVE A REPLY](#))

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

<https://www.cisco.com/c/en/us/td/docs/security/ise/2->

[4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide_24_new_chapter_010101.html#ID16](https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide_24_new_chapter_010101.html#ID16)

NEW QUESTION: 21

What is a requirement for Feed Service to work?

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 22

An administrator is attempting to replace the built-in self-signed certificates on a Cisco ISE appliance. The CA is requesting some information about the appliance in order to sign the new certificate. What must be done in order to provide the CA this information?

- A. Download the CA server certificate.
- B. Download the intermediate server certificate.
- C. Generate the CSR.
- D. Install the Root CA and intermediate CA.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which two ports must be open between Cisco ISE and the client when you configure posture on Cisco ISE? (Choose two).

- A. TCP 80
- B. TCP 8906
- C. TCP 443
- D. TCP 8905
- E. TCP 8443

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 24

Drag the Cisco ISE node types from the left onto the appropriate purposes on the right.

Answer:

Explanation

Monitoring = provides advanced monitoring and troubleshooting tools that you can use to effectively manage your network and resources
Policy Service = provides network access, posture, guest access, client provisioning, and profiling services.

This persona evaluates the policies and makes all the decisions.

Administration = manages all system-related configuration and configurations that relate to functionality such as authentication, authorization, auditing, and so on
pxGrid = shares context-sensitive information from Cisco ISE to subscribers

https://www.cisco.com/c/en/us/td/docs/security/ise/1-4/admin_guide/b_ise_admin_guide_14/b_ise_admin_guide

NEW QUESTION: 25

What are the three default behaviors of Cisco ISE with respect to authentication, when a user connects to a switch that is configured for 802.1X, MAB, and WebAuth? (Choose three)

- A. MAB traffic uses internal endpoints for retrieving identity.
- B. Dot1x traffic uses internal users for retrieving identity.
- C. Unmatched traffic is allowed on the network.
- D. Unmatched traffic is dropped because of the Reject/Reject/Drop action that is configured under Options.
- E. Dot1X traffic uses a user-defined identity store for retrieving identity.

Answer: A,D,E ([LEAVE A REPLY](#))

NEW QUESTION: 26

Refer to the exhibit.

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 28

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

- A. Modify the sponsor groups assigned to reflect the desired user groups
- B. Create an authorization rule using the Guest Flow condition to authorize the administrators
- C. Configure an identity-based access list in Cisco ISE to restrict the users allowed to login
- D. Edit the sponsor portal to only accept members from the selected groups

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 29

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

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

Answer: C (LEAVE A REPLY)

Section: Web Auth and Guest Services

NEW QUESTION: 30

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 (LEAVE A REPLY)

Reference:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ise_admin_guide_26/b_ise_admin_guide_26_chapter_01111.html#concept_srz_bkb_4db

NEW QUESTION: 31

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 (LEAVE A REPLY)

Explanation

https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Borderless_Networks/Unified_Access/BYOD_Desig 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

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NEW QUESTION: 32

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 (LEAVE A REPLY)

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

NEW QUESTION: 33

Which configuration is required in the Cisco ISE authentication policy to allow Central Web Authentication?

- A. MAB and if user not found, continue
- B. MAB and if authentication failed, continue
- C. Dot1x and if authentication failed, continue
- D. Dot1x and if user not found, continue

Answer: [\(SHOW ANSWER\)](#)

Section: Web Auth and Guest Services

NEW QUESTION: 34

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

Answer: [A,D \(LEAVE A REPLY\)](#)

NEW QUESTION: 35

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

Answer: [B \(LEAVE A REPLY\)](#)

NEW QUESTION: 36

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

Answer: [D \(LEAVE A REPLY\)](#)

NEW QUESTION: 37

Which two ports must be open between Cisco ISE and the client when you configure posture on Cisco ISE?

(Choose two).

- A. TCP 8443
- B. TCP 443
- C. TCP 8905
- D. TCP 8906
- E. TCP 80

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 38

Which scenario does not support Cisco ISE guest services?

- A. wired NAD with central WebAuth
- B. wireless LAN controller with local WebAuth
- C. wired NAD with local WebAuth
- D. wireless LAN controller with central WebAuth

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 39

Drag the Cisco ISE node types from the left onto the appropriate purposes on the right.

Answer:

Explanation

Monitoring = provides advanced monitoring and troubleshooting tools that you can use to effectively manage your network and resources Policy Service = provides network access, posture, guest access, client provisioning, and profiling services.

This persona evaluates the policies and makes all the decisions.

Administration = manages all system-related configuration and configurations that relate to functionality such as authentication, authorization, auditing, and so on pxGrid = shares context-sensitive information from Cisco ISE to subscribers

https://www.cisco.com/c/en/us/td/docs/security/ise/1-4/admin_guide/b_ise_admin_guide_14/b_ise_admin_guide

NEW QUESTION: 40

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 41

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 (LEAVE A REPLY)

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

NEW QUESTION: 42

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

A. 443

B. 19005

C. 8080

D. 3799

E. 1700

Answer: C,E (LEAVE A REPLY)

Explanation

NEW QUESTION: 43

During BYOD flow, from where does a Microsoft Windows PC download the Network Setup Assistant?

A. Microsoft App Store

B. Cisco App Store

C. Cisco ISE directly

D. Native OTA functionality

Answer: (SHOW ANSWER)

Section: BYOD

Explanation/Reference: <https://ciscocustomer.lookbookhq.com/iseguidedjourney/BYOD-configuration>

NEW QUESTION: 44

An administrator is configuring new probes to use with Cisco ISE and wants to use metadata to help profile the endpoints. The metadata must contain traffic information relating to the endpoints instead of industry-standard protocol information Which probe should be enabled to meet these requirements?

A. NetFlow probe

B. DNS probe

C. DHCP probe

D. SNMP query probe

Answer: C (LEAVE A REPLY)

Reference:

<http://www.network-node.com/blog/2016/1/2/ise-20-profiling>

NEW QUESTION: 45

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 (LEAVE A REPLY)

Reference:

https://www.youtube.com/watch?v=0kuEZEo564s&ab_channel=CiscoISE-IdentityServicesEngine

NEW QUESTION: 46

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 an XML file to change the existing format to match that of Cisco ISE
- C. Use a JSON file to automate the migration of guest accounts
- D. Use SQL to link the existing database to Cisco ISE

Answer: (SHOW ANSWER)

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NEW QUESTION: 47

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 (LEAVE A REPLY)

Section: Profiler

NEW QUESTION: 48

An administrator is attempting to replace the built-in self-signed certificates on a Cisco ISE appliance. The CA is requesting some information about the appliance in order to sign the new certificate. What must be done in order to provide the CA this information?

- A. Install the Root CA and intermediate CA.
- B. Download the CA server certificate.
- C. Download the intermediate server certificate.
- D. Generate the CSR.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 49

Refer to the exhibit.

A network engineer is configuring the switch to accept downloadable ACLs from a Cisco ISE server. Which two commands should be run to complete the configuration? (Choose two)

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

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 ([LEAVE A REPLY](#))

<https://medium.com/training-course-ccna-security-210-260/ccna-security-part-3-implementing-aaa-in-cisco-ios-4b13ab285f51>

NEW QUESTION: 51

An organization wants to implement 802.1X and is debating whether to use PEAP-MSCHAPv2 or PEAP-EAP-TLS for authentication. Drag the characteristics on the left to the corresponding protocol on the right.

Answer:

NEW QUESTION: 52

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

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

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 53

Refer to the exhibit.

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. ip device tracking
- C. radius-server attribute 8 include-in-access-req
- D. dot1x system-auth-control
- E. radius server vsa sand authentication

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 54

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

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

Answer: A,E (LEAVE A REPLY)

NEW QUESTION: 55

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

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

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 56

Which two task types are included in the Cisco ISE common tasks support for TACACS+ profiles? (Choose two.)

- A. Firepower
- B. WLC
- C. IOS
- D. ASA
- E. Shell

Answer: B,E (LEAVE A REPLY)

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_0100010.html)

[1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_0100010.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_0100010.html) TACACS+ Profile TACACS+ profiles control the initial login session of the device administrator.

A session refers to each individual authentication, authorization, or accounting request. A session authorization request to a network device elicits an ISE response. The response includes a token that is interpreted by the network device, which limits the commands that may be executed for the duration of a session. The authorization policy for a device administration access service can contain a single shell profile and multiple command sets. The TACACS+ profile definitions are split into two components:

Common tasks

Custom attributes

There are two views in the TACACS+ Profiles page (Work Centers > Device Administration > Policy Elements > Results > TACACS Profiles)--Task Attribute View and Raw View.

Common tasks can be entered using the Task Attribute View and custom attributes can be created in the Task Attribute View as well as the Raw View.

The Common Tasks section allows you to select and configure the frequently used attributes for a profile. The attributes that are included here are those defined by the TACACS+ protocol draft specifications. However, the values can be used in the authorization of requests from other services. In the Task Attribute View, the ISE administrator can set the privileges that will be assigned to the device administrator. The common task types are:

Shell

WLC

Nexus

Generic

The Custom Attributes section allows you to configure additional attributes. It provides a list of attributes that are not recognized by the Common Tasks section. Each definition consists of the attribute name, an indication of whether the attribute is mandatory or optional, and the value for the attribute. In the Raw View, you can enter the mandatory attributes using an equal to (=) sign between the attribute name and its value and optional attributes are entered using an asterisk (*) between the attribute name and its value. The attributes entered in the Raw View are reflected in the Custom Attributes section in the Task Attribute View and vice versa. The Raw View is also used to copy paste the attribute list (for example, another product's attribute list) from the clipboard onto ISE. Custom attributes can be defined for nonshell services.

NEW QUESTION: 57

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. aaa authentication dot1x default group radius
- D. authentication port-control auto

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 58

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: (SHOW ANSWER)

Reference:

<https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/31sg/configuration/guide/conf/dot1x.html#wp1133395>

NEW QUESTION: 59

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 60

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

- A. access-reserved
- B. access-challenge
- C. access-response

- D. access-accept
- E. access-request

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 61

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: D,E (LEAVE A REPLY)

Reference:

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_20_chapter_010100.html

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NEW QUESTION: 62

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

Answer:

NEW QUESTION: 63

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

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

Answer: (SHOW ANSWER)

NEW QUESTION: 64

An administrator is adding a switch to a network that is running Cisco ISE and is only for IP Phones. The phones do not have the ability to auto switch port for authentication?

- A. enable network-authentication

- B. dot1x system-auth-control
- C. enable bypass-MAC
- D. mab

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 65

What is a function of client provisioning?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

What is the Cisco ISE default admin login name and password?

- A. admin/admin
- B. admin/cisco
- C. admin/no default password--the admin password is configured at setup
- D. ISEAdmin/admin

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

An engineer is designing a new distributed deployment for Cisco ISE in the network and is considering failover options for the admin nodes. There is a need to ensure that an admin node is available for configuration of policies at all times. What is the requirement to enable this feature?

- A. one policy services node and one secondary admin node
- B. one primary admin node and one monitoring and troubleshooting node
- C. one policy services node and one monitoring and troubleshooting node
- D. one primary admin and one secondary admin node in the deployment

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 68

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

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

Answer: B,D ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/security/ise/2-0/admin_guide/b_ise_admin_guide_20/b_ise_admin_guide_20_chapter_010.html

NEW QUESTION: 69

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 (LEAVE A REPLY)

https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ISE_26_admin_guide/b_ISE_admin_26_byod.html

NEW QUESTION: 70

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 (LEAVE A REPLY)

[https://www.cisco.com/c/en/us/td/docs/security/ise/2-](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010110.html)

[1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010110.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010110.html) 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: 71

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

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 72

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 (LEAVE A REPLY)

Reference:

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

NEW QUESTION: 73

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 ([LEAVE A REPLY](#))

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_01101.html#:~:text=Cisco%20ISE%2C%20by%20default%2C%20deletes,5000%20endpoints%20every%20three%20minutes.

NEW QUESTION: 74

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 75

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

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 76

What is a function of client provisioning?

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

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 77

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 78

Which statement is true?

- A. A Cisco ISE Wireless license can be installed on top of a Base and/or Advanced license.
- B. A Cisco ISE Advanced license can be used without any Base licenses.
- C. A Cisco ISE Advanced license is perpetual in nature.
- D. A Cisco ISE Advanced license can be installed on top of a Base and/or Wireless license.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 79

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

Answer:

Explanation

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide Step 1 Choose Administration > System The Register button will be disabled initially. To enable this button, you must configure a Primary PAN.

Step 2

Check the check box next to the current node, and click

Step 3

Click Make Primary to configure your Primary PAN.

Step 4

Enter data on the General Settings tab.

Step 5

Click Save to save the node configuration.

NEW QUESTION: 80

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 81

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: ([SHOW ANSWER](#))

NEW QUESTION: 82

Refer to the exhibit. 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 ([LEAVE A REPLY](#))

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: 83

An engineer is designing a BYOD environment utilizing Cisco ISE for devices that do not support native supplicants Which portal must the security engineer configure to accomplish this task?

- A. MDM
- B. Client provisioning
- C. My devices
- D. BYOD

Answer: ([SHOW ANSWER](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_01111.html

NEW QUESTION: 84

A network security engineer needs to configure 802.1X port authentication to allow a single host to be authenticated for data and another single host to be authenticated for voice.

Which command should the engineer run on the interface to accomplish this goal?

- A. authentication host-mode multi-host
- B. authentication host-mode multi-domain

- C. authentication host-mode multi-auth
- D. authentication host-mode single-host

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 85

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

Answer: (SHOW ANSWER)

NEW QUESTION: 86

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

Answer: (SHOW ANSWER)

NEW QUESTION: 87

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

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

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 88

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 89

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 ip access-group webauth in command.
- D. Use the radius-server vsa send authentication command.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 90

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

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: ([SHOW ANSWER](#))

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

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NEW QUESTION: 92

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

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

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

Answer: ([SHOW ANSWER](#))

Section: Web Auth and Guest Services

NEW QUESTION: 93

An organization wants to implement 802.1X and is debating whether to use PEAP-MSCHAPv2 or PEAP-EAP-TLS for authentication. Drag the characteristics on the left to the corresponding protocol on the right.

Answer:

NEW QUESTION: 94

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

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

Answer: A,C ([LEAVE A REPLY](#))

NEW QUESTION: 95

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 96

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: ([SHOW ANSWER](#))

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

NEW QUESTION: 97

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

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 98

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 99

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

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

Answer: D ([LEAVE A REPLY](#))

Section: Policy Enforcement

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/1-3/ISE-ADIntegrationDoc/b_ISE-ADIntegration.html

NEW QUESTION: 100

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

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 101

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

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

Answer: C,E ([LEAVE A REPLY](#))

Section: BYOD

NEW QUESTION: 102

Refer to the exhibit.

An engineer is configuring Cisco ISE for guest services They would like to have any unregistered guests redirected to the guest portal for authentication then have a CoA provide them with full access to the network that is segmented via firewalls Why is the given configuration failing to accomplish this goal?

- A. The Guest Flow condition is not in the line that gives access to the quest portal
- B. The Guest Portal and Guest Access policy lines are in the wrong order
- C. The Permit Access result is not set to restricted access in its policy line
- D. The Network_Access_Authentication_Passed condition will not work with guest services for portal access.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 103

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

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 104

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: D,E ([LEAVE A REPLY](#))

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_20_chapter_010100.html](https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html)

NEW QUESTION: 105

When setting up profiling in an environment using Cisco ISE for network access control, an organization must use non-proprietary protocols for collecting the information at layer 2.

Which two probes will provide this information without forwarding SPAN packets to Cisco ISE? (Choose two.)

- A. DHCP SPAN probe
- B. SNMP query probe
- C. NetFlow probe
- D. RADIUS probe
- E. DNS probe

Answer: ([SHOW ANSWER](#)**)**

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

NEW QUESTION: 106

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

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

Answer: A ([LEAVE A REPLY](#))

Section: Profiler

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html

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NEW QUESTION: 107

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: (SHOW ANSWER)

Reference:

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

NEW QUESTION: 108

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

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

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 109

What is a characteristic of the UDP protocol?

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

Answer: C (LEAVE A REPLY)

Section: Network Access Device Administration

Explanation/Reference:

NEW QUESTION: 110

An administrator is configuring a new profiling policy in Cisco ISE for a printer type that is missing from the profiler feed. The logical profile Printers must be used in the authorization rule and the rule must be hit. What must be done to ensure that this configuration will be successful?

- A. Enable the EndPoints:EndPointPolicy condition in the authorization policy.
- B. Create a new logical profile for the new printer policy
- C. Modify the profiler conditions to ensure that it goes into the correct logical profile
- D. Add the new profiling policy to the logical profile Printers.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 111

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. authentication
- D. administration

Answer: C (LEAVE A REPLY)

NEW QUESTION: 112

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 (LEAVE A REPLY)

Explanation

https://www.youtube.com/watch?v=0kuEZEo564s&ab_channel=CiscoISE-IdentityServicesEngine

NEW QUESTION: 113

Refer to the exhibit. Which command is typed within the CLI of a switch to view the troubleshooting output?

- A. show authentication sessions mac 000e.84af.59af details
- B. show authentication registrations
- C. show authentication interface gigabitethernet2/0/36
- D. show authentication sessions method

Answer: A (LEAVE A REPLY)

Section: Policy Enforcement

NEW QUESTION: 114

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 radius

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 115

Which two ports must be open between Cisco ISE and the client when you configure posture on Cisco ISE? (Choose two).

- A. DTCP80
- B. TCP 8443
- C. TCP 443
- D. TCP 8905
- E. TCP 8906

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 116

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

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

Answer: (SHOW ANSWER)

Reference:

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

NEW QUESTION: 117

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

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

Answer: D ([LEAVE A REPLY](#))

Section: Policy Enforcement

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/security/s1/sec-s1-xe-3se-3850-cr-book/sec-s1-xe-3se-3850-cr-book_chapter_01.html#wp3404908137

NEW QUESTION: 118

Drag the Cisco ISE node types from the left onto the appropriate purposes on the right.

Answer:

Explanation

Monitoring = provides advanced monitoring and troubleshooting tools that you can use to effectively manage your network and resources Policy Service = provides network access, posture, guest access, client provisioning, and profiling services.

This persona evaluates the policies and makes all the decisions.

Administration = manages all system-related configuration and configurations that relate to functionality such as authentication, authorization, auditing, and so on pxGrid = shares context-sensitive information from Cisco ISE to subscribers

https://www.cisco.com/c/en/us/td/docs/security/ise/1-4/admin_guide/b_ise_admin_guide_14/b_ise_admin_guide

NEW QUESTION: 119

Which interface-level command is needed to turn on 802 1X authentication?

- A. Dofl1x pae authenticator
- B. aaa server radius dynamic-author
- C. dot1x system-auth-control
- D. authentication host-mode single-host

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 120

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 121

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 ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html#ID1353

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NEW QUESTION: 122

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: (SHOW ANSWER)

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

NEW QUESTION: 123

Which command displays all 802 1X/MAB sessions that are active on the switch ports of a Cisco Catalyst switch?

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 124

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 authorization policy doesn't correctly grant them access to the finance devices.
- D. The finance location is not a condition in the policy set.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 125

During BYOD flow, from where does a Microsoft Windows PC download the Network Setup Assistant?

- A. Microsoft App Store
- B. Cisco App Store
- C. Cisco ISE directly
- D. Native OTA functionality

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 126

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

Answer:

NEW QUESTION: 127

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 ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/m_admin_accesspolicy_settings.html#reference_0E24B8FBFAB248219E1194435670347F

NEW QUESTION: 128

Which of the following is not true about profiling in Cisco ISE?

- A. Cisco ISE does not support hierarchy within the profiling policy.
- B. Cisco ISE comes with predefined profiles.
- C. Profiling policies are automatically enabled for use.
- D. The use of Identity Groups is required to leverage the use of profiling in the authorization policy.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 129

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

Answer:

Explanation

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide Step 1 Choose Administration > System The Register button will be disabled initially. To enable this button, you must configure a Primary PAN.

Step 2

Check the check box next to the current node, and click

Step 3

Click Make Primary to configure your Primary PAN.

Step 4

Enter data on the General Settings tab.

Step 5

Click Save to save the node configuration.

NEW QUESTION: 130

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

- A. 8080
- B. 1700
- C. 443
- D. 2799
- E. 19005

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 131

Which interface-level command is needed to turn on 802 1X authentication?

- A. dot1x system-auth-control
- B. Dofl1x pae authenticator
- C. authentication host-mode single-host
- D. aaa server radius dynamic-author

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 132

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 133

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 ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/security/ise/2-6/admin_guide/b_ise_admin_guide_26/b_ise_admin_guide_26_chapter_01111.html#concept_srz_bkb_4db

NEW QUESTION: 134

Refer to the exhibit:

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: ([SHOW ANSWER](#))

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

NEW QUESTION: 135

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 136

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: (SHOW ANSWER)

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.

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NEW QUESTION: 137

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

Answer:

Explanation:

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide_24_new_chapter_011.html Step 1 Choose Administration > System > Deployment.

The Register button will be disabled initially. To enable this button, you must configure a Primary PAN.

Step 2

Check the check box next to the current node, and click Edit.

Step 3

Click Make Primary to configure your Primary PAN.

Step 4

Enter data on the General Settings tab.

Step 5

Click Save to save the node configuration.

NEW QUESTION: 138

Refer to the exhibit:

Which command is typed within the CU of a switch to view the troubleshooting output?

- A. show authentication sessions mac 000e.84af.59af details
- B. show authentication sessions method
- C. show authentication registrations
- D. show authentication interface gigabitethemet2/0/36

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 139

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.

Answer:

NEW QUESTION: 140

Which profiling probe collects the user-agent string?

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

Answer: (SHOW ANSWER)

Section: Profiler

NEW QUESTION: 141

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

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

Answer: A,B ([LEAVE A REPLY](#))

NEW QUESTION: 142

What is a method for transporting security group tags throughout the network?

- A. by embedding the security group tag in the 802.1Q header
- B. by the Security Group Tag Exchange Protocol
- C. by enabling 802.1AE on every network device
- D. by embedding the security group tag in the IP header

Answer: B (LEAVE A REPLY)

Section: Architecture and Deployment

NEW QUESTION: 143

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

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

Answer: (SHOW ANSWER)

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

Cisco ISE creates the following endpoint identity groups:

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

In addition to the above system created endpoint identity groups, Cisco ISE creates the following endpoint identity groups, which are associated to the Profiled identity group:

- * Cisco-IP-Phone-An identity group that contains all the profiled Cisco IP phones on your network.
- * Workstation-An identity group that contains all the profiled workstations on your network.

NEW QUESTION: 144

An administrator is configuring cisco ISE to authenticate users logging into network devices using TACACS+ The administrator is not seeing any or 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: A (LEAVE A REPLY)

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

NEW QUESTION: 145

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: (SHOW ANSWER)

Reference:

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: 146

What must be configured on the Cisco ISE authentication policy for unknown MAC addresses/identities for successful authentication?

- A. pass
- B. reject
- C. drop
- D. continue

Answer: B (LEAVE A REPLY)

Explanation

https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_id_stores.html

NEW QUESTION: 147

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: A,E (LEAVE A REPLY)

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_clien

NEW QUESTION: 148

An organization wants to improve their BYOD processes to have Cisco ISE issue certificates to the BYOD endpoints. Currently, they have an active certificate authority and do not want to replace it with Cisco ISE.

What must be configured within Cisco ISE to accomplish this goal?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 149

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

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

Answer: (SHOW ANSWER)

Explanation

Default Endpoint Identity Groups Created for Endpoints

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

https://www.cisco.com/c/en/us/td/docs/security/ise/2-4/admin_guide/b_ise_admin_guide_24/b_ise_admin_guide

NEW QUESTION: 150

An organization wants to improve their BYOD processes to have Cisco ISE issue certificates to the BYOD endpoints. Currently, they have an active certificate authority and do not want to replace it with Cisco ISE.

What must be configured within Cisco ISE to accomplish this goal?

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

Answer: C ([LEAVE A REPLY](#))

Explanation

Ref:<https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine-software/116068-configure-pr>

NEW QUESTION: 151

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

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

Answer: (SHOW ANSWER)

Section: Endpoint Compliance

Explanation/Reference: https://www.cisco.com/en/US/docs/security/ise/1.0/user_guide/ise10_man_network_devices.html

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NEW QUESTION: 152

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: (SHOW ANSWER)

Reference:

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

NEW QUESTION: 153

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 (LEAVE A REPLY)

Reference:

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: 154

What does the dot1x system-auth-control command do?

- A. causes a network access switch not to track 802.1x sessions
- B. globally enables 802.1x
- C. enables 802.1x on a network access device interface
- D. causes a network access switch to track 802.1x sessions

Answer: B (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/XE3-8-0E/15-24E/configuration/guide/xe-380-configuration/dot1x.html>

NEW QUESTION: 155

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

Answer: B (LEAVE A REPLY)

NEW QUESTION: 156

Refer to the exhibit.

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

Answer: C,E (LEAVE A REPLY)

NEW QUESTION: 157

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

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

Answer: D (LEAVE A REPLY)

NEW QUESTION: 158

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. Add VLAN 310 in the common tasks of the authorization profile
- C. Ensure that the endpoint is using The correct policy set
- D. Ensure that the security group is not preventing the endpoint from being in VLAN 310

Answer: B (LEAVE A REPLY)

NEW QUESTION: 159

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

- A. State attribute
- B. Class attribute
- C. Event

D. Cisco-av-pair

Answer: D ([LEAVE A REPLY](#))

Section: Profiler

Explanation/Reference:

Reference: <https://community.cisco.com/t5/network-access-control/ise-airespace-acl-wlc-problem/td-p/2110491>

NEW QUESTION: 160

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 an XML file to change the existing format to match that of Cisco ISE

B. Use a CSV file to import the guest accounts

C. Use SQL to link the existing database to Cisco ISE

D. Use a JSON file to automate the migration of guest accounts

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 161

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 fails.

B. Authentication is granted.

C. Authentication is redirected to the external identity source.

D. Authentication is redirected to the internal identity source.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 162

Which three conditions can be used for posture checking? (Choose three.)

A. services

B. application

C. certificate

D. operating system

E. file

Answer: (SHOW ANSWER)

NEW QUESTION: 163

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

A. BYOD

B. posture

C. new AD user 802.1X authentication

D. guest AUP

E. hotspot

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 164

The profiling data from network access devices is sent to which Cisco ISE node?

- A. Inline Posture node
- B. Administration node
- C. Monitoring node
- D. Policy Service node

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 165

Drag the Cisco ISE node types from the left onto the appropriate purposes on the right.

Answer:

NEW QUESTION: 166

When creating a policy within Cisco ISE for network access control, the administrator wants to allow different access restrictions based upon the wireless SSID to which the device is connecting. Which policy condition must be used in order to accomplish this?

- A. Network Access NetworkDeviceName CONTAINS <SSID Name>
- B. DEVICE Device Type CONTAINS <SSID Name>
- C. Radius Called-Station-ID CONTAINS <SSID Name>
- D. Airespace Airespace-Wlan-Id CONTAINS <SSID Name>

Answer: C ([LEAVE A REPLY](#))

Reference:

<https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine/115734-ise-policies-ssid-00.html>

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NEW QUESTION: 167

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

Which action accomplishes this task?

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

Answer: D ([LEAVE A REPLY](#))

Section: Web Auth and Guest Services

NEW QUESTION: 168

Which statement is not correct about the Cisco ISE Monitoring node?

- A. The local collector agent collects logs locally from itself and from any NAD that is configured to send logs to the Policy Service node.
- B. The local collector buffers transport the collected data to designated Cisco ISE Monitoring nodes as syslog; once Monitoring nodes are globally defined via Administration, ISE nodes automatically send logs to one or both of the configured Monitoring nodes.
- C. Cisco ISE supports distributed log collection across all nodes to optimize local data collection, aggregation, and centralized correlation and storage.
- D. The local collector agent process runs only the Inline Posture node.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 169

What is a requirement for Feed Service to work?

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

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 170

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 171

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

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

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 172

An organization wants to implement 802.1X and is debating whether to use PEAP-MSCHAPv2 or PEAP-EAP-TLS for authentication. Drag the characteristics on the left to the corresponding protocol on the right.

Answer:

NEW QUESTION: 173

Which use case validates a change of authorization?

- A. An endpoint that is disconnected from the network is discovered.

- B. Endpoints are created through device registration for the guests.
- C. An endpoint profiling policy is changed for authorization policy.
- D. An authenticated, wired EAP-capable endpoint is discovered.

Answer: C ([LEAVE A REPLY](#))

Section: Profiler

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_user_guide/ise_prof_pol.html

NEW QUESTION: 174

What is a valid guest portal type?

- A. Sponsor
- B. Captive-Guest
- C. Sponsored-Guest
- D. My Devices

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 175

Refer to the exhibit.

Which component must be configured to apply the SGACL?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 176

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 177

An engineer is configuring a guest password policy and needs to ensure that the password complexity requirements are set to mitigate brute force attacks. Which two requirements complete this policy? (Choose two)

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

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 178

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.

Answer:

NEW QUESTION: 179

Which use case validates a change of authorization?

- A. An authenticated, wired EAP-capable endpoint is discovered
- B. An endpoint profiling policy is changed for authorization policy.
- C. An endpoint that is disconnected from the network is discovered
- D. Endpoints are created through device registration for the guests

Answer: B ([LEAVE A REPLY](#))

Reference:

https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_user_guide/ise_prof_pol.html

NEW QUESTION: 180

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 ([LEAVE A REPLY](#))

Explanation

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

NEW QUESTION: 181

An employee logs on to the My Devices portal and marks a currently on-boarded device as 'Lost'.

Which two actions occur within Cisco ISE as a result of this action? (Choose two)

- A. Certificates provisioned to the device are not revoked
- B. BYOD Registration status is updated to No
- C. The device access has been denied
- D. BYOD Registration status is updated to Unknown.
- E. The device status is updated to Stolen

Answer: A,B ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/security/ise/2-2/admin_guide/b_ise_admin_guide_22/b_ise_admin_guide_22_chapter_01111.html

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NEW QUESTION: 182

What are two components of the posture requirement when configuring Cisco ISE posture? (Choose two.)

- A. Client Provisioning portal
- B. remediation actions
- C. updates
- D. access policy
- E. conditions

Answer: (SHOW ANSWER)

Section: Endpoint Compliance

NEW QUESTION: 183

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: (SHOW ANSWER)

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

NEW QUESTION: 184

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 185

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

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

D. Add an OCSP profile and configure the root certificate authority as secondary.

Answer: C (LEAVE A REPLY)

Ref:<https://www.cisco.com/c/en/us/support/docs/security/identity-services-engine-software/116068-configure-product-00.html>

NEW QUESTION: 186

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. dot1xsystem-auth-control
- B. dot1x pae authenticator
- C. authentication port-control auto
- D. authentication open

Answer: B (LEAVE A REPLY)

NEW QUESTION: 187

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.

Answer:

Explanation

<https://www.mbne.net/tech-notes/aaa-tacacs-radius>

NEW QUESTION: 188

What should be considered when configuring certificates for BYOD?

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 189

Which statement about configuring certificates for BYOD is true?

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

Answer: C (LEAVE A REPLY)

Section: BYOD

NEW QUESTION: 190

An engineer is configuring web authentication using non-standard ports and needs the switch to redirect traffic to the correct port. Which command should be used to accomplish this task?

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

D. aaa group server radius proxy

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 191

An engineer is configuring Cisco ISE for guest services They would like to have any unregistered guests redirected to the guest portal for authentication then have a CoA provide them with full access to the network that is segmented via firewalls Why is the given configuration failing to accomplish this goal?

- A. The Guest Portal and Guest Access policy lines are in the wrong order
- B. The Guest Flow condition is not in the line that gives access to the quest portal
- C. The Permit Access result is not set to restricted access in its policy line
- D. The Network_Access_Authentication_Passed condition will not work with guest services for portal access.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 192

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

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

Answer: C,D ([LEAVE A REPLY](#))

Section: Profiler

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/security/ise/2-1/admin_guide/b_ise_admin_guide_21/b_ise_admin_guide_20_chapter_010100.html

NEW QUESTION: 193

Which use case validates a change of authorization?

- A. An authenticated, wired EAP-capable endpoint is discovered
- B. An endpoint profiling policy is changed for authorization policy.
- C. An endpoint that is disconnected from the network is discovered
- D. Endpoints are created through device registration for the guests

Answer: ([SHOW ANSWER](#))

Explanation

https://www.cisco.com/c/en/us/td/docs/security/ise/1-2/user_guide/ise_user_guide/ise_prof_pol.html

NEW QUESTION: 194

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

Answer:

NEW QUESTION: 195

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 (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/31sg/configuration/guide/conf/dot1x.html#wp1133395>

NEW QUESTION: 196

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

Answer: B (LEAVE A REPLY)

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