

Implementing Cisco Secure Access Solutions

1. Which two accounting types are used to implement accounting within RADIUS? (Choose two.)

A. resource

B. user

C. network

D. device

E. attribute

Answer(s): A,C

2. Which advantage is provided by using Active Directory as an external identity source?

A. It supports two factor-authentication using a PIN and a token.

B. It uses EAP chaining with EAP-TLS to authenticate users and computers.

C. It uses EAP chaining with EAP-FAST to authenticate users and computers.

D. It supports SAML for single sign-on.

Answer(s): C

3. Which two types of SNMP Query probe can be selected in a Cisco ISE deployment? (Choose two.)

A. endpoint

B. interface

C. port

D. DNS query

E. system

Answer(s): A,B

4. Which two profile attributes can circumstance would an WLC Controller that supports Device Sensor?

A. user agent

B. CDP agent information

C. DHCP options

D. LLDP agent information

E. FQDN

F. open ports

Answer(s): A,C

5. Which feature must you configure on a switch to allow it to redirect wired endpoints to Cisco ISE?

A. the RADIUS VSA for accounting

B. the RADIUS VSA for URL-REDIRECT

C. the http secure-server command

D. RADIUS Attribute 29

Answer(s): C

6. Which command is useful when troubleshooting AAA Authentication between a Cisco router and the AAA server?

A. test aaa-server tacacs+ group7 cisco cisco123 new-code

B. test aaa group tacacs+ cisco cisco123 new-code

C. test aaa-server test cisco cisco123 all new-code

D. test aaa group7 tacacs+ auth cisco123 new-code

Answer(s): B

7. Which three options can be pushed from Cisco ISE server as part of a successful 802.1X authentication?

A. authentication order

B. authentication priority

C. reauthentication timer

D. posture status

E. DACL

F. VLAN

Answer(s): C,E,F

8. Which description of the purpose of the Continue option in an authentication policy rule is true?

A. It allows Cisco ISE to check the list of rules in an authentication policy until there is a match.

B. It causes Cisco ISE to ignore the NAD because NAD will treat the Cisco ISE server as dead.

C. It sends an authentication to the next subrule within the same authentication rule.

D. It allows Cisco ISE to proceed to the authorization policy regardless of authentication pass/fail.

E. It sends an authentication to the selected identity store.

Answer(s): D

9. Which two EAP types require server side certificates? (Choose two.)

A. PEAP

B. MSCHAPv2

C. EAP-TLS

D. EAP-FAST

E. LEAP

F. EAP-MD5

Answer(s): A,C

10. Which definition of "posturing" as it relates to a general network infrastructure and access into the internal network is true?

A. The process by which an operating system or application running on an endpoint provides critical information about the software that is actively running on the device.

B. The process when software is uploaded to an end device before it is allowed to gain access to a secure network.

C. The process by which an endpoint device can be monitored while connected to the network to determine if it could contain viruses or potential harmful programs running.

D. The process by which an operating system or application running on an endpoint provides critical information about internet activity being used by the endpoint.

Answer(s): A

11. A network engineer is configuring HTTP based CWA on a switch. Which three configuration elements are required? (Choose three.)

A. Pre-auth port based access-list

B. Redirect access-list

C. Redirect-URL

D. HTTP secure server enabled

E. Radius authentication on the port with 802.1x

F. HTTP server enabled

G. Radius authentication on the port with MAB

Answer(s): B,F,G

12. Which three remediation actions are supported by the Web Agent for Windows? (Choose three.)

A. URL Link

B. Automatic Remediation

C. AV definition update

D. File Distribution

E. Launch Program

F. Message text

Answer(s): A,D,F

13. A company has implemented a dual SSID BYOD design. A provisioning SSID is used for user registration, and an employee SSID is used for company network access. Which controller option must be enabled to allow a user to switch immediately from the provisioning SSID to the employee SSID after registration has been completed?

A. Fast SSID Change

B. User Idle Timeout

C. AP Fallback

D. AAA Override

Answer(s): A

14. What is one method for transporting security group tags throughout the network?

A. by embedding the SGT in the 802.1Q header

B. by embedding the SGT in the IP header

C. via Security Group Exchange Protocol

D. by enabling 802.1AE on every network device

Answer(s): C

15. In an ISE 1.3 environment, which two remediation types are supported on the NAC agent for Macintosh?

A. antivirus remediation (automatic)

B. link remediation (manual)

C. antivirus remediation (manual)

D. link remediation (automatic)

E. antispysware remediation (manual)

Answer(s): B,C

16. A workstation has its posture status changed to noncompliant and has a quarantined agent session. How can a wired workstation remove itself from a quarantined state?

A. Disconnect and reconnect to the network.

B. Restart the agent session.

C. Disconnect and reconnect VPN session.

D. Wait for idle timeout to expire.

Answer(s): A

17. Which CoA type does a Cisco ISE Policy Service Node (PSN) send to a network access device when a NAG agent reports the OS patch status of a noncompliant endpoint?

A. CoA-Terminate

B. CoA-Remediate

C. CoA-Reauth

D. CoA-PortBounce

Answer(s): C

18. A security engineer has configured a switch port in 802.1X closed mode. Which protocol is allowed to pass through before a device is authenticated?

A. EAPoL

B. HTTP

C. ARP

D. Bootps

E. PXE

Answer(s): A

19. Which three ISE posture remediation actions are supported by the Web Agent for Windows? (Choose three.)

A. URI Link

B. Automatic Remediation

C. AV definition update

D. File Distribution

E. Launch Program

F. Message text

Answer(s): A,D,F

20. An engineer is investigating an issue with their Posture Run-time Services implementation. Which protocol services are used by NAC Agents to communicate with NAC Servers?

A. IPsec

B. FIX

C. SWISS

D. IKEv2

Answer(s): C
