Cisco Exam Questions 650-472

Introduction to 802.1X Operations for Cisco Security Professionals Exam
1. Which two statements represent good use cases for Wake on LAN? (Choose two.)
   A. WoL can be used to power-up hosts for on-demand PXE booting.
   B. WoL can be used to power-up hosts for after-hours operating system updates and application patching.
   C. WoL can be used to power-up hosts to access the IPMI.
   D. WoL can be used to save electricity by powering down underused servers and desktops.

   Answer: AB

2. Which two choices are valid methods of authorizing a wired supplicant? (Choose two.)
   A. EAP-FAST
   B. VLAN assignment
   C. dACL
   D. EAPO
   E. RADIUS

   Answer: BC

3. Which two statements about MACsec security are true? (Choose two.)
   A. MACsec is an IEEE standard that is defined by 802.3AE.
   B. MACsec leverages an 802.1X EAP framework to negotiate the MACsec Key Agreement.
   C. MACsec is an IETF standard that is defined by RFC 4501.
   D. MACsec can negotiate a MACsec Key Agreement without 802.1X.
   E. MACsec is an IETF standard that is defined by RFC 4505.
   F. MACsec is an IEEE standard that is defined by 802.1AE.

   Answer: BF

4. Which statement correctly defines a persona?
   A. A Cisco ISE node can be configured as a primary or backup persona.
   B. Persona refers to collections of services running on a Cisco ISE node.
   C. A Cisco ISE node can be configured as a wired or wireless persona.
   D. Persona relates to the collection of 802.1X services configured on a Cisco Catalyst switch.
   E. Persona refers to the collection of EAP methods available to a supplicant.
   F. A Cisco ISE node can be configured as a standalone or distributed persona.

   Answer: B

5. Which two EAP methods are examples of challenge-response methods? (Choose two.)
   A. EAP-TLS
   B. PEAP
   C. EAP-FAST
   D. LEAP
   E. EAP-MD5

   Answer: DE

6. On a Cisco Catalyst switch, which default ports will the radius-server host command use for RADIUS authentication and accounting messages?
A. TCP - Authentication 1645/Accounting 1646
B. TCP - Authentication 1535/Accounting 1536
C. TCP - Authentication 1812/Accounting 1813
D. UDP - Authentication 1535/Accounting 1536
E. UDP - Authentication 1812/Accounting 1813
F. UDP - Authentication 1645/Accounting 1646

Answer: E

7. Which three modules are valid components of Cisco AnyConnect Secure Mobility Client for Windows? (Choose three)
A. Network Access Manager
B. Network Authentication Manager
C. Telemetry and Profiling Module
D. Profiling Module
E. Posture Module
F. Profiling Module

Answer: AEF

8. Which option is a good example of a non-suppliant host?
A. Laptop running Microsoft Windows 7
B. IP printer
C. desktop PC running Ubuntu Linux
D. IP camera
E. Apple Macintosh running Mac OS X

Answer: BD

9. Which three RADIUS attributes are required to dynamically assign a VIAN? (Choose three)
A. Attribute 65 (Tunnel-Medium-Type)
B. Attribute 26 (Vendor-Specific)
C. Attribute 64 (Tunnel-Type)
D. Attribute 8 (Framed-IP-Address)
E. Attribute 5 (NASPort)
F. Attribute 81 (Tunne1-Private-Group-ID)

Answer: ACF

10. Consider the example of an end user plugging an unmanaged third-party switch into a port in a conference room. If the wiring closet switch port requires 802.1X authentication (and the authentication host mode is set to the default), what would be the result of multiple 802.1X clients attempting to access the network from the unmanaged switch?
A. After the first supplicant authenticates, other hosts connected to the unmanaged switch will be blocked from the network.
B. After 802.1X times out three times, all hosts on the unmanaged switch will have access to the network.
C. Up to eight hosts and one IP phone can be authenticated.
D. After the first supplicant authenticates, all other hosts connected to the unmanaged switch have access to the network.

Answer: A
11. Which two Cisco Catalyst switch command fragments enable WebAuth support on an interface? (Choose two.)

A. 3k-access(config-if)# authentication fallback
B. 3k-access(config-if)# authentication dotlx webauth
C. 3k-access(config-if)# authentication webauth
D. 3k-access(config-if)# dotlx priority webauth
E. 3k-access(config-if)# ip admission
F. 3k-access(config-if)# dotlx fallback
G. 3k-access(config-if)# authentication order dotlx webauth

Answer: AE

12. Which two statements are true with regard to the inner and outer phases of an EAP method? (Choose two.)

A. PEAP can include an optional phase 0 for PAC provisioning.
B. All EAP methods include an inner and outer phase.
C. The outer phase is used for authentication.
D. The inner phase is used for authentication.
E. The outer phase is used for securing the communication channel.
F. The inner phase is used for securing the communication channel.

Answer: DE

13. Which Cisco ISE persona must run on dedicated hardware?

A. Inline Posture
B. Administrative
C. Centralized
D. Monitoring
E. Distributed Policy
F. Policy Services
G. Standalone

Answer: A

14. Which statement accurately describes why it is a best practice to pre-populate the MAC addresses of non-802.1X-capable Cisco IP phones into an endpoint database?

A. If the MAC address is not found in an endpoint database, any PC tethered to the Cisco IP phone will be allowed to access the network unauthenticated.
B. If the MAC address is not found in an endpoint database, it will take 3 MAB timeouts (90 seconds) before the MAC address of the Cisco IP phone is automatically entered in the database. No calls can be made in the interim.
C. If the MAC address is not found in an endpoint database, authentication will fail for the Cisco IP phone and the tethered PC port on the phone will be set to err-disable. The PC will not be able to communicate on the network.
D. If the MAC address is not found in an endpoint database, authentication will fail for the Cisco IP phone and the Catalyst switch port will be set to err-disable. Neither the PC host nor the phone will be able to communicate on the network.

Answer: B

15. Which two Cisco security products act as 802.1X authenticate servers? (Choose two)

A. Cisco Security Agent
B. CiscoWorks LAN Management System
C. Cisco Information Security Engine
D. Cisco Security Manager
E. Cisco Secure Access Control System for Windows
F. CiscoWorks LAN Management Solution
G. CiscoWorks Open RADIUS Server
H. Cisco Identity Services Engine

Answer: EH
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