Vendor: Cisco

Exam Code: 650-472

Exam Name: Introduction to 802.1X Operations for Cisco Security Professionals Exam (S802DT1X)

Version: Demo

QUESTION 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.

Correct Answer: AB

QUESTION 2
Which two choices are valid methods of authorizing a wired supplicant? (Choose two.)

A. EAP-FAST
B. VLAN assignment
C. dACL
D. EAPOL
E. RADIUS

Correct Answer: BC

QUESTION 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.

Correct Answer: BF

QUESTION 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.

Correct Answer: B

QUESTION 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

Correct Answer: DE

QUESTION 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

Correct Answer: E

QUESTION 7
Which three modules are valid components of Cisco AnyConnect Secure Mobility Client for Windows? (Choose three)

A. Network Access Manager
B. VPN Module
C. Network Authentication Manager
D. Telemetry and Profiling Module
E. Profiling Module
F. Posture Module
G. Profiling Module

Correct Answer: AEF

QUESTION 8
Which option is a good example of a non-supplicant 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

Correct Answer: BD

QUESTION 9
Which three RADIUS attributes art 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)

Correct Answer: ACF

QUESTION 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.

Correct Answer: A

QUESTION 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)S authentication webauth
D. 3k-access(config-if)# dotlx priority webauth
E. 3k-access(config-if)- ip admission
F. 3k-access(config-if)ff dotlx fallback
G. 3k-access(config-if)# authentication order dotlx webauth

Correct Answer: AE

QUESTION 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.

Correct Answer: DE

QUESTION 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

Correct Answer: A

QUESTION 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.

Correct Answer: B

QUESTION 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

Correct Answer: EH

QUESTION 16
Which two EAP methods require server-side digital certificates? (Choose two)

A. EAP-FAST
B. PEAP
C. LEAP
D. EAP-MD5
E. EAP-TLS

Correct Answer: BE

QUESTION 17
Which two statements are true regarding load balancing Cisco ISE Policy Services nodes with a Cisco Application Control Engine? (Choose two.)

A. Each Cisco ISE Policy Services node must be configured with an identical unicast IP address that is used to receive policy requests from the load balancer.
B. Each Cisco ISE Policy Services node must be configured with a unique (and non-reserved) multicast IP address that is used as a heartbeat channel.
C. Each Cisco ISE Policy Services node must be configured with an identical (and non-reserved) multicast IP address that is used as a heartbeat channel.
D. The virtual IP address of the ACE must be on the same IP subnet as the unicast subnet of the Cisco ISE Policy Services node.
E. The virtual IP address of the ACE must not be on the same IP subnet as the unicast subnet of the Cisco ISE Policy Services node.
F. Each Cisco ISE Policy Services node must be configured with a unique unicast IP address that is used to receive policy requests from the load balancer.

Correct Answer: DF

QUESTION 18
Which statement is true for certificate auto-enrollment on a Cisco IP phone?

A. Cisco Unified Communications Manager CA Proxy Function (CAPF) is capable of auto-enrolling certificates.
B. Cisco Unified Communications Manager Certificate Auto-Enroll Function (CAEF) is capable of auto-enrolling certificates.
C. Cisco IP phones are capable of using digital certificates, but manual enrollment is required.
D. Cisco IP phones are not capable of using digital certificates.
E. Microsoft Windows 2003 Certificate Server Telephony plug-in can be used for auto-enrolling certificates.
F. Microsoft Windows 2008 Enterprise Certificate Server Telephony plug-in can be used for auto-enrolling certificates.

Correct Answer: A

QUESTION 19
What is the purpose of the guest VLAN on a Cisco Catalyst switch?

A. It provides configurable guest access to devices that have a supplicant but lack local credentials.
B. It provides configurable guest access to non-supplicant devices that lack local credentials.
C. It provides configurable guest access to devices that have a supplicant when the authenticator is down or unreachable.
D. It provides configurable guest access to non-supplicant devices that have local credentials.
E. It provides configurable guest access to devices that have a supplicant when the authentication server is down or unreachable.

Correct Answer: B

QUESTION 20
Which two PEAP requirements must be met to authenticate the TLS session? (Choose two.)

A. The supplicant requires only an identity certificate.
B. Cisco ISE requires an identity certificate and a CA certificate.
C. The authenticator requires only an identity certificate.
D. The supplicant requires an identity certificate and a CA certificate.
E. The authenticator requires an identity certificate and a CA certificate.
F. The supplicant requires only a CA certificate.
G. Cisco ISE requires only an identity certificate.

Correct Answer: BD

QUESTION 21
Which two sets of ports does Cisco ISE listen on for RADIUS authentication and accounting messages? (Choose two.)

A. UDP - Authentication 1535/Accounting 1536
B. UDP - Authentication 1645/Accounting 1646
C. TCP - Authentication 1535/Accounting 1536
D. TCP - Authentication 1645/Accounting 1646
E. UDP - Authentication 1812/Accounting 1813
F. TCP - Authentication 1812/Accounting 1813

Correct Answer: BE

QUESTION 22
Which three elements are required fields when adding a Cisco Wireless IAN Controller as a network device in Cisco ISE? (Choose three)

A. Name

B. Software Version
C. Device Configuration Deployment
D. RADIUS Shared Secret
E. SSID
F. Model Number
G. IP Address

Correct Answer: ADG

QUESTION 23
During initial ISE setup, foe which three of the following required and optional elements does the setup script prompt the administrator to enter a value? (Choose three)

A. Device Gateway
B. Static Host Routes
C. IP Address
D. Active Directory Domain Name
E. Path to RSA SecuriD Seed File
F. NTP Server IP Address
G. Path to RAMUS Seed File

Correct Answer: ACD

QUESTION 24
What action must be performed immediately after initial login to the Cisco ISE GUI?

A. Configure an alternate local administrator account for password recovery.
B. Configure profiling services to authenticate IP phones for MAB.
C. Join a Microsoft Active Directory domain for time synchronization.
D. Change the administrative user account password.
E. Configure an NTP server for time synchronization.
F. Configure RSA SecureID to secure administrative access to Cisco ISE.

Correct Answer: E

QUESTION 25
Which method provides authenticated guest access to nonsupplicant hosts?

A. restricted VIAN
B. authentication fallback
C. authentication proxy
D. web authentication
E. guest VIAN
F. flexible authentication

Correct Answer: D

QUESTION 26
Which hardware component of a Cisco TrustSec solution for 802.1X is optional but widely adopted in most networks?

A. external Authentication server
B. Cisco AnyConnect Secure Mobility Client
C. authentication server
D. authenticator

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