

Exam : Cisco 642-591

**Title : Implementing Cisco NAC
Appliance**

Version : Demo

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1. The NAS is configured to autogenerate an IP address pool of 30 subnets with a netmask of /30, beginning at address 192.168.10.0. Which IP address is leased to the end-user host on the second subnet?

- A. 192.168.10.4
- B. 192.168.10.5
- C. 192.168.10.6
- D. 192.168.10.7

Answer: C

2. Which default administrator group has delete permissions?

- A. admin
- B. help-desk
- C. add-edit
- D. full-control

Answer: D

3. What is the result when the condition statement in a Cisco NAA check for required software evaluates to false on a client machine?

- A. The required software is automatically downloaded to the user device.
- B. The required software is made available after the user is quarantined.
- C. The user is put in the unauthenticated role and the software is considered missing.
- D. The user is placed in the temporary role and the software is made available.

Answer: B

4. Which three components comprise a Cisco NAC Appliance solution? (Choose three.)

- A. a NAC-enabled Cisco router
- B. a Linux server for in-band or out-of-band network admission control
- C. a Linux server for centralized management of network admission servers
- D. a Cisco router to provide VPN services
- E. a read-only client operating on an endpoint device
- F. a NAC-enabled Cisco switch

Answer: BCE

5. When configuring the Cisco NAM to implement Cisco NAA requirement checking on client machines, what is the next step after configuring checks and rules?

- A. retrieve updates
- B. require the use of the Cisco NAA
- C. configure session timeout and traffic policies
- D. map rules to requirement
- E. configure requirements

Answer: E

6. Refer to the exhibit. When logging in to a Cisco NAC Appliance solution, an end user is prompted for a username, password, and provider. What should be entered in the Provider drop-down field shown in the exhibit?



- A. the authenticating NAS
- B. the authorizing NAM
- C. the name of the ISP
- D. the external authenticating server

Answer: D

7. What are the two types of traffic policies that apply to user roles? (Choose two.)

- A. IP-based
- B. peer-based
- C. host-based

- D. manager-based
- E. server-based
- F. VLAN-based

Answer: AC

8. After you implement a network scan and view the report, you notice that a plug-in did not access any of its dependent plug-ins. What did you forget to do?

- A. enable the Dependent Plug-in check box on the General Tab form
- B. configure dependent plug-in support when you mapped the Nessus scan check to the Nessus plug-in rule
- C. install dependent plug-ins when you updated the Cisco NAC Appliance plug-in library
- D. load the dependent plug-ins for that plug-in in the Plug-in Updates form

Answer: D

9. A client has a network with wireless and wired users. The wired users run mission-critical bandwidth-sensitive applications. The wireless users access web-based support portals within the central office.

Given only this information, which Cisco NAC Appliance solution would provide the most fault-tolerant option for this client?

- A. one Cisco NAM and one in-band highly available Cisco NAS cluster
- B. one load-balanced highly available Cisco NAM cluster and one out-of-band highly available Cisco NAS cluster
- C. one highly available Cisco NAM cluster, one out-of-band highly available Cisco NAS cluster, and one in-band Cisco NAS
- D. one highly available Cisco NAM cluster and one in-band highly available Cisco NAS cluster

Answer: C

10. Based on the Boolean order of precedence, how would Cisco NAC Appliance evaluate the following rule?

AdAwareLogRecent&(NorAVProcessIsActiveymAVProcessIsActive)

- A. (The Norton Antivirus is active and there is a recent Ad Aware log entry) or (the Symantec antivirus process is active).
- B. There is a recent Ad Aware log entry, the Norton Antivirus is active, and the Symantec antivirus process is active.
- C. (Either the Norton Antivirus or the Symantec antivirus process is active) and (there is a recent Ad Aware log entry).
- D. There is a recent Ad Aware log entry or the Norton Antivirus is active, or the Symantec antivirus process is active.

Answer: C

11. How do you ensure that the Cisco NAS has the most recent version of the Cisco NAA to install on user devices?

- A. Each time the Cisco NAA is upgraded, the Cisco NAM automatically downloads the new version of Cisco NAA to all Cisco NAS servers.
- B. From the Cisco NAS Web Admin Console, enable Cisco NAA autoupdate on the Administration > Software Update form.
- C. The Cisco NAA is upgraded directly to each Cisco NAS using the Upgrade Server form available on the Cisco NAM web console GUI.
- D. Configure the Cisco NAS by selecting which Cisco NAA to upgrade in the Cisco NAA Upgrade form.

Answer: A

12. A search of available switches has been performed and a list of switches is presented. Which two SNMP attributes need to match what is configured in the Cisco switch profile for a listed switch to be added to the Cisco NAM? (Choose two.)

- A. SNMP read community string
- B. SNMP write community string
- C. SNMP read version
- D. SNMP write version

E. SNMP trap

Answer: AC

13. In a Cisco NAC Appliance Windows Active Directory SSO deployment, what are the cached credentials and Kerberos TGT from the client-machine Windows login used for?

- A. They are used to validate the user with the Cisco NAS.
- B. They are used to validate the user authentication with the backend Windows Active Directory server.
- C. They are used to validate user access with the Cisco NAA.
- D. They are used to validate the user authentication and access with the Cisco NAM.

Answer: B

14. What must you check on the switches for an out-of-band Cisco NAC Appliance deployment?

- A. The Cisco or non-Cisco switch must support port security and SNMPv2 or SNMPv3.
- B. The Cisco switch must support VACL (VLAN ACL).
- C. If you have stacked Cisco Catalyst 3750 Series Switches, you are using Cisco IOS Release 12.1(25)SEC or above.
- D. The Cisco switch must use at least the minimum supported version of Cisco IOS or Catalyst OS supporting mac-notification or linkup-linkdown SNMP traps.

Answer: D

15. When using Windows Active Directory Single-Sign-ON (SSO), the Cisco NAA on the client machine will ask the client machine for a Service Ticket (ST) with which username to communicate with the Cisco NAS?

- A. the Cisco NAA username
- B. the Microsoft Windows Active Directory server username
- C. the Cisco NAS username
- D. the client username

Answer: C

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