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Exam : **300-175**

Title : Implementing Cisco Data
Center Unified Computing

Vendor : Cisco

Version : DEMO

NO.1 What are two features that helps to mitigate man-in-the-middle attacks? (Choose two.)

- A. DHCP snooping
- B. dynamic ARP inspection
- C. ARP sniffing on specific ports
- D. ARP spoofing
- E. destination MAC ACLs

Answer: A,B

Explanation

https://www.cisco.com/c/en/us/products/collateral/switches/catalyst-6500-series-switches/white_paper_c11_603839.html

NO.2 A server discovery policy is defined in Cisco UCS Manager. Which two actions are initiate by the policy when a new server starts? (Choose two)

- A. The server is assigned to the selected organization if configured
- B. A service profile is created for the server with the identity burned into the server at time of manufacture
- C. The inventory of the server is analyzed
- D. The scrub policy is applied to the server, if configured
- E. The qualification iin the server discovery policy is executed against the server

Answer: D,E

Explanation

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/sw/gui/config/guide/2-0/b_UCSM_GUI_Configuration_Guide_2_0/b_UCSM_GUI_Configuration_Guide_2_0_chapter_01100.html

NO.3 You plan to use AAA security services for a Cisco UCS Fabric Interconnect. Which two authentication protocols can you use?(Choose two)

- A. RADIUS
- B. LDAP
- C. Kerberos
- D. NTLM
- E. Diameter

Answer: A,B

Explanation

<https://www.cisco.com/c/en/us/about/security-center/ucs-hardening.html>

NO.4 Refer to exhibit.

```

UCS-B# connect local-mgmt
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php

UCS-B(local-mgmt)# cluster lead a

```

What is the result of the command?

- A. UCS-B reboots
- B. UCS-A becomes the primary Cisco UCS in the cluster during the next reboot
- C. UCS-A immediately becomes the primary Cisco UCS in the cluster
- D. The entire Cisco UCS cluster reboots

Answer: C

Explanation

<http://datablunetwork.wikidot.com/ucs-forcing-a-fabric-interconnect-failover>

NO.5 Refer to the exhibit.

```

CISCO-FI-A# scope org/
CISCO-FI-A /org* # create service-profile Server1 updating-template
CISCO-FI-A /org/service-profile* # set bios-policy bios
CISCO-FI-A /org/service-profile* # set boot-policy boot
CISCO-FI-A /org/service-profile* # set dynamic-vnic-conn-policy dynamic
CISCO-FI-A /org/service-profile* # set ext-mgmt-ip-state pooled
CISCO-FI-A /org/service-profile* # set host-fw-policy fw1
CISCO-FI-A /org/service-profile* # set identity dynamic-uuid derived
CISCO-FI-A /org/service-profile* # set ipmi-access-profile ipmil
CISCO-FI-A /org/service-profile* # set local-disk-policy local-disk-policy
CISCO-FI-A /org/service-profile* # set maint-policy maint-policy
CISCO-FI-A /org/service-profile* # set mgmt-fw-policy fw-policy
CISCO-FI-A /org/service-profile* # set power-control-policy power
CISCO-FI-A /org/service-profile* # set scrub-policy scrub
CISCO-FI-A /org/service-profile* # set sol-policy spl
CISCO-FI-A /org/service-profile* # set stats-policy stats-policy
CISCO-FI-A /org/service-profile* # set user-label user1
CISCO-FI-A /org/service-profile* # set vcon-policy vcon

```

You bind the service profile to the updating template. You plan to update the template. Which impact on the service profile when you update the template is true?

- A. The service profile is updated automatically.

- B. Changes to the service profile are locked after the profile is created
- C. The service profile must be updated manually
- D. The update to the service profile fails

Answer: A

NO.6 You must update your certificates after the name of a Cisco UCS Fabric Interconnect cluster changes. Which action do you take?

- A. Request a new root certificate from the root CA
- B. Regenerate the certificate manually
- C. Use the built-in default key ring certificate in Cisco UCS Manager.
- D. Request a new public-key certificate from the intermediate C

Answer: B

NO.7 You need to configure storage switch-based Fibre Channel zoning in a Cisco UCS system. The zoning must be configured in VSAN 100 . What should you do?

- A. Discover the SAN switch in Cisco UCS Manager. Enable inherited zoning on VSAN 100 in Cisco UCS Manager
- B. Disable zoning on VSAN 100 in Cisco UCS Manager. Configure zoning on the upstream SAN switch on VSAN 100
- C. Disable zoning on VSAN 100 in Cisco UCS Manager. Set Cisco UCS Manager to interoperability mode.

Create VSAN 100 in Cisco UCS Manager . Configure zoning on the upstream third-party SAN switch

- D. Register the SAN switch manually in Cisco UCS Manager. Enable inherited zoning on VSAN 100 in Cisco UCS Manager

Answer: B

NO.8 You are configuring RBAC on a Cisco UCS system. What happens when you assign multiple locales to a user?

- A. Access is granted to all organizations that are specified in the locales
- B. Access is granted to only the last organization that is specified in the locales.
- C. Access is denied to all organizations
- D. Access is granted to only the first organization that is specified in the locales

Answer: A

NO.9 Refer to the exhibit.

The screenshot shows the Cisco UCS Director interface. At the top, there is a navigation bar with the following items: Dashboard, Converged, Virtual, Physical, Organizations, Policies, and Administration (highlighted). Below this, there is a section for 'Physical Accounts' with tabs for 'Site Management', 'Pods', 'Physical Accounts', 'Multi-Domain Managers', 'Managed Network Elements', and 'Virtual'. The 'Site Management' tab is selected, showing a table with the following data:

Site Name	Description	Contact Name
HQ-Prod	Production	ProdAdmin

You are integrating Cisco UCS Director with the ACI fabric. Where would you create the account type ?

- A. Physical Accounts
- B. Manages Network Elements
- C. Multi-Domain Agents
- D. Bare Metal Agents

Answer: C

Explanation

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-director/apic-management-guide/5-4/b_UCS_Director_APIC_Management_Guide_54/b_UCS_Director_APIC_Management_Guide_54_chapter_011.pdf

NO.10 Which boot method do you use to boot the OS of a server by using a target machine located on an IP network?

- A. Cisco IMC secure boot
- B. UEFI secure boot
- C. SAN boot
- D. local disk boot

Answer: D

NO.11 On a Cisco Unified Computing System, which port type must the destination for an Ethernet traffic monitoring session be?

- A. uplink Ethernet port
- B. unified uplink port
- C. Ethernet port-channel uplink port
- D. unconfigured Ethernet port

Answer: D

NO.12 You need to design and implement a Cisco UCS 5108 Blade Server Chassis system for a

customer. Which statement about how half-width blades and full-width blades can be used is true?

- A.** Half-width blade types and full-width blade types cannot be combined.
- B.** Half-width blades and full-width blades can be combined in any order.
- C.** Only one full-width blade can be installed in the top slot, and six half-width blades can be installed in the bottom slots.
- D.** Only two full-width blades can be installed in the top two slots, and four half-width blades can be installed in the bottom two slots.

Answer: B