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QUESTION 1

When do you regenerate the default key ring certificate manually?

A. when the kernel crashes

B. when Cisco UCS Manager is upgraded

C. when the Cisco UCS Manager reboots

D. when the certificate expires

Correct Answer: D

QUESTION 2

On a Cisco Unified Computing System , which port type must the destination for an Ethernet traffic monitoring session be?

A. Unified uplink port

B. Unconfigured Ethernet port

C. Uplink Ethernet port

D. Ethernet port-channel uplink port

Correct Answer: B

https://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/ucs-manager/GUI-User-Guides/System-Monitoring/3-1/b_UCSM_GUI_System_Monitoring_Guide_3_1/b_UCSM_GUI_System_Monitoring_Guide_3_1_chapter_01011.html#task_E918F6BF24364F10A19F2B2F95FFC6B9

QUESTION 3

An administrator is testing the Cisco Nexus 1000v switch on top of a Cisco UCS Blade. They realize that the test VM traffic is not marked correctly after it leaves the Cisco UCS B-series blade. What is the reason for seeing this behavior?

A. The Cisco UCS does not support QoS marking

B. The Cisco UCS QoS policy applied to the blade has the host control set to "none."

C. The Cisco Nexus 1000V Series Switches do not support QoS marking.

D. The Cisco Nexus 1000V Series Switch QoS marking has not been enabled with "feature gos."

Correct Answer: B

https://www.cisco.com/c/en/us/support/docs/switches/nexus-1000v-switch/117541-configure-qos- 00.html#anc6

Whether UCS controls the CoS for a vNIC or not strictly depends on the Host Control Field of the QoS Policy, which is assigned to that particular vNIC. If None is selected, then UCS assigns the CoS value associated with the Priority Class given in the QoS policy. It disregards any of the settings implemented at the host level by the Nexus 1000v. If Full is selected and the packet has a valid CoS assigned by the Nexus 1000v, then UCS trusts the CoS settings assigned at the host level. Otherwise, Cisco UCS uses the CoS value associated with the priority selected in the Priority drop-down list. The Milano QoS policy has a Host Control of Full, which means that the Gold Priority (CoS 6) is ignored and the Nexus 1000v setting is trusted. The correct answer is "The Cisco UCS QoS policy applied to the blade has the host control set to "none." The other answers are not correct, or are not causes for the behavior.

QUESTION 4

If there are four I/O module links from the Cisco Unified Computing System 5108 Blade Chassis to the Cisco Unified Computing System 6248UP Fabric Interconnect, which dynamic vNICs can be defined?

A. 9

B. 16

C. 24

D. 48

E. 54

F. 112

Correct Answer: E

QUESTION 5

Which statement about RBAC locales in a Cisco UCS system is true?

A. Locales are user environment settings such as currency, language time, and date format.

B. Locales are groups of organizations that are tied to users foe authorization purposes.

C. AAA users are called locales in a local database for AAA.

D. Locales are user settings in local and external user databases for AAA

Correct Answer: D

QUESTION 6

What is the maximum number of ports on a VMware vCenter Distributed Virtual Switch?

A. 64

B. 128

C. 1024

D. 4096

E. 8192

Correct Answer: D

QUESTION 7

Refer to the exhibit.

```
Cisco-1 # scope chassis
cisco-1 /chassis # show adapter
cisco-1 /chassis # show adapter 2
cisco-1 /chassis/adapter # scope host-eth-if eth0
cisco-1 /chassis/adapter/host-eth-if # create usnic-config 0
cisco-1 /chassis/adapter/host-eth-if/usnic-config *# set usnic-count 32
cisco-1 /chassis/adapter/host-eth-if/usnic-config *# set tq-count 5
cisco-1 /chassis/adapter/host-eth-if/usnic-config *# set cq-count 5
cisco-1 /chassis/adapter/host-eth-if/usnic-config *# set rq-count 5
cisco-1 /chassis/adapter/host-eth-if/usnic-config *# commit
Committed settings will take effect upon the next server reset
cisco-1 /chassis/adapter/host-eth-if/usnic-config # exit
cisco-1 /chassis/adapter/host-eth-if # exit
cisco-1 /chassis/adapter # exit
cisco-1 /chassis # exit
cisco-1 # exit
cisco-1 # scope bios
cisco-1 /bios # scope advanced
cisco-1 /bios/advanced # set IntelVTD Enabled
cisco-1 /bios/advanced *# set ATS Enabled*
cisco-1 /bios/advanced *# set CoherencySupport Enabled
cisco-1 /bios/advanced *# commit
Changes to BIOS set up parameters will require a reboot.
Do you want to reboot the system? [y|N]y
A system reboot has been initiated.
```

A. The usNIC replaces any vNICs in the server.

B. The kernel is bypassed when sending networking packets.

C. Device-specific DMA translations are cached on the fabric interconnect only

D. All network traffic goes to the OS kernel directly.

Correct Answer: D

QUESTION 8

Which two are true concerning authorization within a Cisco Unified Computing System? (Choose two.)

A. A role defines a collection of privileges that determines which actions a user can take in Cisco Unified Computing System Manager.

B. Authorization consists of three components (roles, password policy, and locales) that are based on which features and resources the user will not have access to.

C. Customized roles can be configured on and downloaded from remote AAA servers.

D. The logical resources, pools and policies, are grouped into roles.

E. If the service profile cannot find available resources, it will search in the parent organization for pools and resources.

Correct Answer: AE

QUESTION 9

HOTSPOT

Instructions
Open the windows by clicking on the minimized title at the bottom of the viewing area. Windows can be minimized by clicking on the [-], repositioned by dragging the title bar, and resized by using the handle at the lower right corner to customize the viewing area.
If you are required to access the devices to complete this scenario, the mouse cursor will use a hand symbol when moved over device icons. Click the icon to open a device terminal to interact with the hardware.
Open the **Questions** window and begin by clicking a question number. When you have completed answering all questions, click **Done** to continue.

Scenario
Use your UCS knowledge on Fabric Interconnect Failover to answer the questions associated with the UCS cluster.

Exhibit1

```
UCS-A# show cluster state
Cluster Id: 0xfc436fa8b88511e0-0xa370000573cb6c04

A: UP, PRIMARY
B: UP, SUBORDINATE

HA READY
UCS-A# connect local-mgmt
Cisco Nexus Operating System (NX-OS) Software
TAC support: http://www.cisco.com/tac
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such license is available at
http://www.opensource.org/licenses/gpl-2.0.php and
http://www.opensource.org/licenses/lgpl-2.1.php

UCS-A(local-mgmt)# cluster lead b
UCS-A(local-mgmt)#
```

Hot Area:

Correct Answer:

QUESTION 10

You are connecting a Fibre Channel storage array to Cisco UCS What is a prerequisite to configuring Fibre Channel traffic ?

A. The VSAN requires a dedicated FCoE VLAN

B. The VSAN ID must match the FCoE VLAN ID

C. The VSAN ID must differ from the VLAN ID

D. The VLANs and the FCoE VLANs can have the same ID

Correct Answer: A

QUESTION 11

Which item represents a secure method of transmitting fault data with Cisco Call Home?

A. IPsec

B. SSL email

C. secure XML

D. Cisco Transport Gateway

E. RSA Digital Certificate

Correct Answer: D

QUESTION 12

Which statement about fabric failover for Fibre Channel communication is true?

A. You can enable hardware Fibre Channel failover.

B. Cisco UCS load balances Fibre Channel traffic between the two fabrics.

C. You must use a Fibre Channel multipath I/O driver.

D. You do not have to use anything.

Correct Answer: C

https://supportforums.cisco.com/t5/unified-computing-system/san-multi-pathing-best-practices/td- p/1545645
https://www.cisco.com/c/en/us/support/docs/servers-unified-computing/unified-computing-system/116471- configure-
npiv-00.html#anc9 https://kb.netapp.com/support/s/article/how-to-verify-windows-fibre-channel-configurations-with-
multipathing-i-o-mpio?language=en_US

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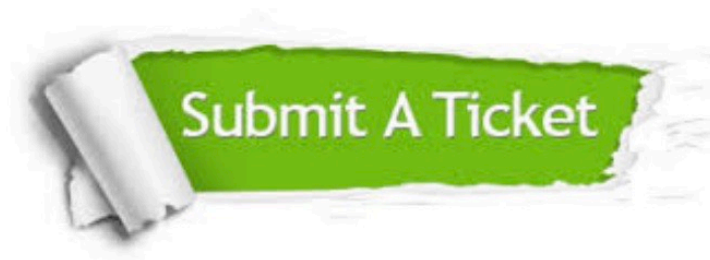
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