Passit4Sure.010-151,60.questions

<u>Number</u>: 010-151
<u>Passing Score</u>: 800
<u>Time Limit</u>: 120 min
<u>File Version</u>: 18.06

PASSIT4SURE

010-151
Supporting Cisco Datacenter Networking Devices

This dump is very valid to pass the exam..... Learn with case study questions .

Fixed the Exhibit size and Drag drops/hot spot questions.

Modified few questions, fixed few spelling mistakes and typos.

Added Explanations and Exhibits most of the questions.

This VCE alone will guarantee you a pass.

Sections
1. General Networking Knowledge
2. Identify Cisco Equipment and Related Hardware
3. Describe Cisco NX OS Software Operation
4. Service related Knowledge

Exam A

QUESTION 1
Which method is a TCP/IP-based protocol for establishing and managing connections between IP-based storage devices, hosts, and clients?

A. FCIP
B. iFCP
C. iSCSI
D. FCoE

Correct Answer: C
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 2
Which method does FCIP use to enable connectivity of geographically distributed Fibre Channel SANs over IP?

A. routing
B. tunneling
C. handshaking
D. transporting

Correct Answer: B
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 3
Which important feature on the front end is provided to the clients by multiple servers that access the same storage devices across the SAN?

A. recovery
B. redundancy
C. resiliency
D. security
E. storage

Correct Answer: B
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 4
Which type of connection across the network does a SAN allow for multiple servers to access an unlimited amount of storage devices?

A. any-to-many
B. many-to-any
C. any-to-any
D. any-to-one

E. one-to-any
F. one-to-one

Correct Answer: C
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 5
What is the wire transmission speed for 100GBASE-ER4 Ethernet?

A. 100 Mb/s
B. 1 Gb/s
C. 10 Gb/s
D. 100 Gb/s

Correct Answer: D
Section: General Networking Knowledge
Explanation

Explanation/Reference:
answer is corrected.

QUESTION 6
Which two statements about PCIe are true? (Choose two.)

A. The PCIe link is built around dedicated unidirectional couples of serial, point-to-point connections known as lanes.
B. You can install a PCI Express x8 adapter into an x4 slot.
C. The PCIe standard is a bus-based system in which all the devices share the same bidirectional, 32-bit or 64-bit, parallel signal path.
D. The PCIe 1.0 standard doubles the transfer rate compared to PCIe 2.0.
E. A link that is composed of four lanes is called an x4 link.

Correct Answer: AE
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 7
Which command-line interface mode is best described by this prompt?

UCS-switch-A (nxos)#

A. maintenance mode
B. EXEC mode
C. local management mode

D. global configuration mode
E. Cisco IOS mode

Correct Answer: B
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 8
Which command can be used to exit to EXEC mode from this current mode?

switch(config-if) #

A. Ctrl-C
B. Ctrl-L
C. quit
D. exit
E. end

Correct Answer: E
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 9
Refer to the exhibit.
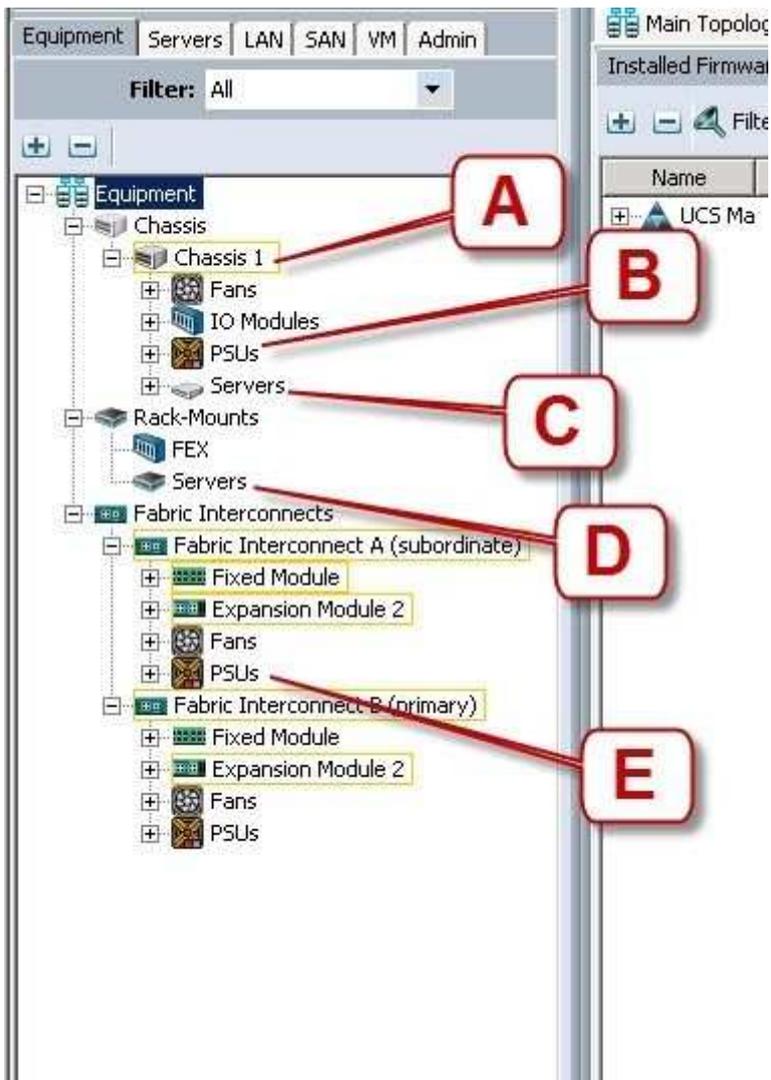
Where is the best place to see the power supply status of the blade server enclosure?

A. A - Chassis 1
B. B - Chassis 1 - PSUs
C. C - Chassis1 - Servers
D. D - Rack-Mounts - Servers
E. E - Fabric Interconnects A - PSUs

Correct Answer: B
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 10
Refer to the exhibit.
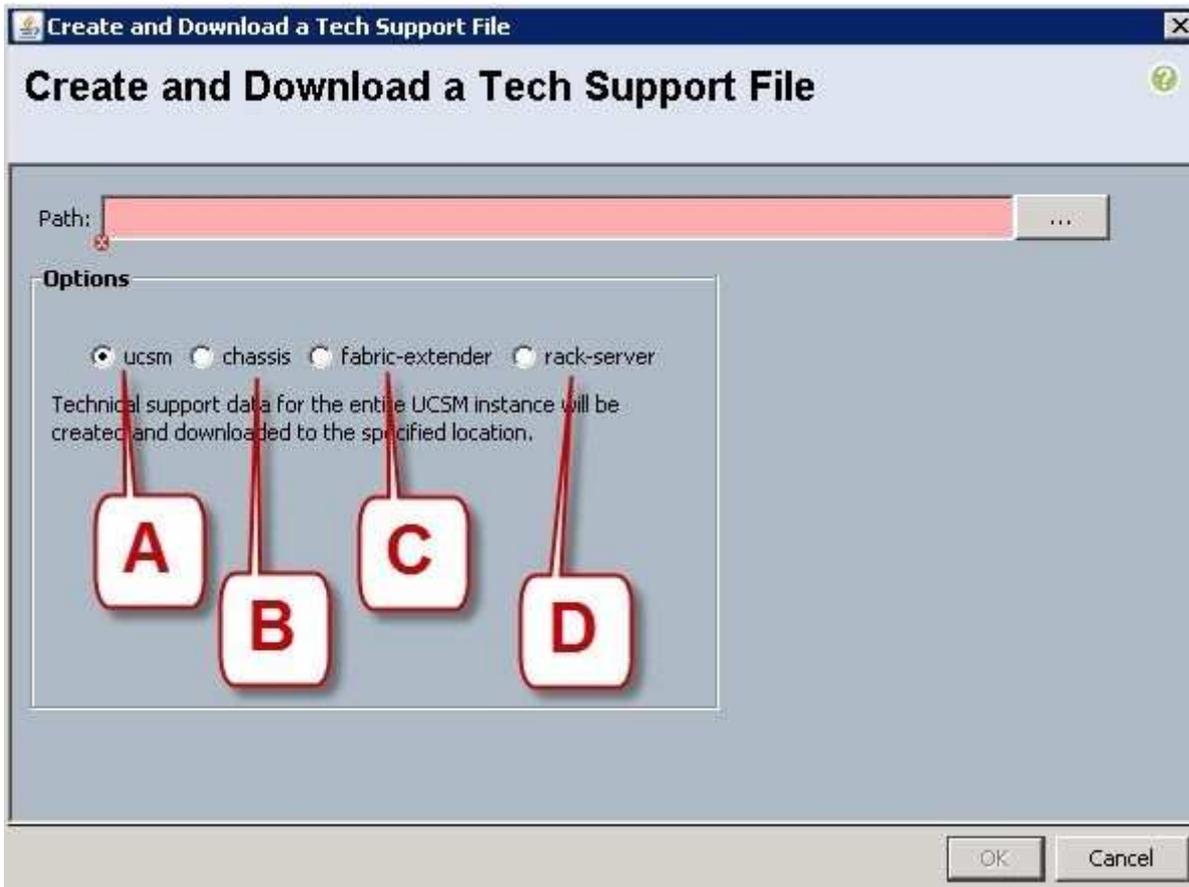
Which option should you select to get the output of the show tech-support detail command for the Cisco UCS B-Series blade?

A. A - ucsm
B. B - chassis
C. C - fabric-extender
D. D - rack-server

Correct Answer: B
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 11
Which two commands display the version of Cisco NX-OS code that the device is currently running on? (Choose two.)

A. show version
B. show module
C. show interface
D. show boot
E. show license

Correct Answer: AB
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

well modified.

QUESTION 12
Which command saves the active configuration to NVRAM?

A. copy startup-config running-config
B. copy active-config backup-config
C. copy running-config startup-config
D. copy backup-config active-config

Correct Answer: C
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 13
Which Cisco NX-OS command displays kernel uptime?

A. show module
B. show version
C. show license
D. show boot
E. show interface

Correct Answer: B
**Section: Describe Cisco NX OS Software Operation**
Explanation

Explanation/Reference:

QUESTION 14
Refer to the exhibit.
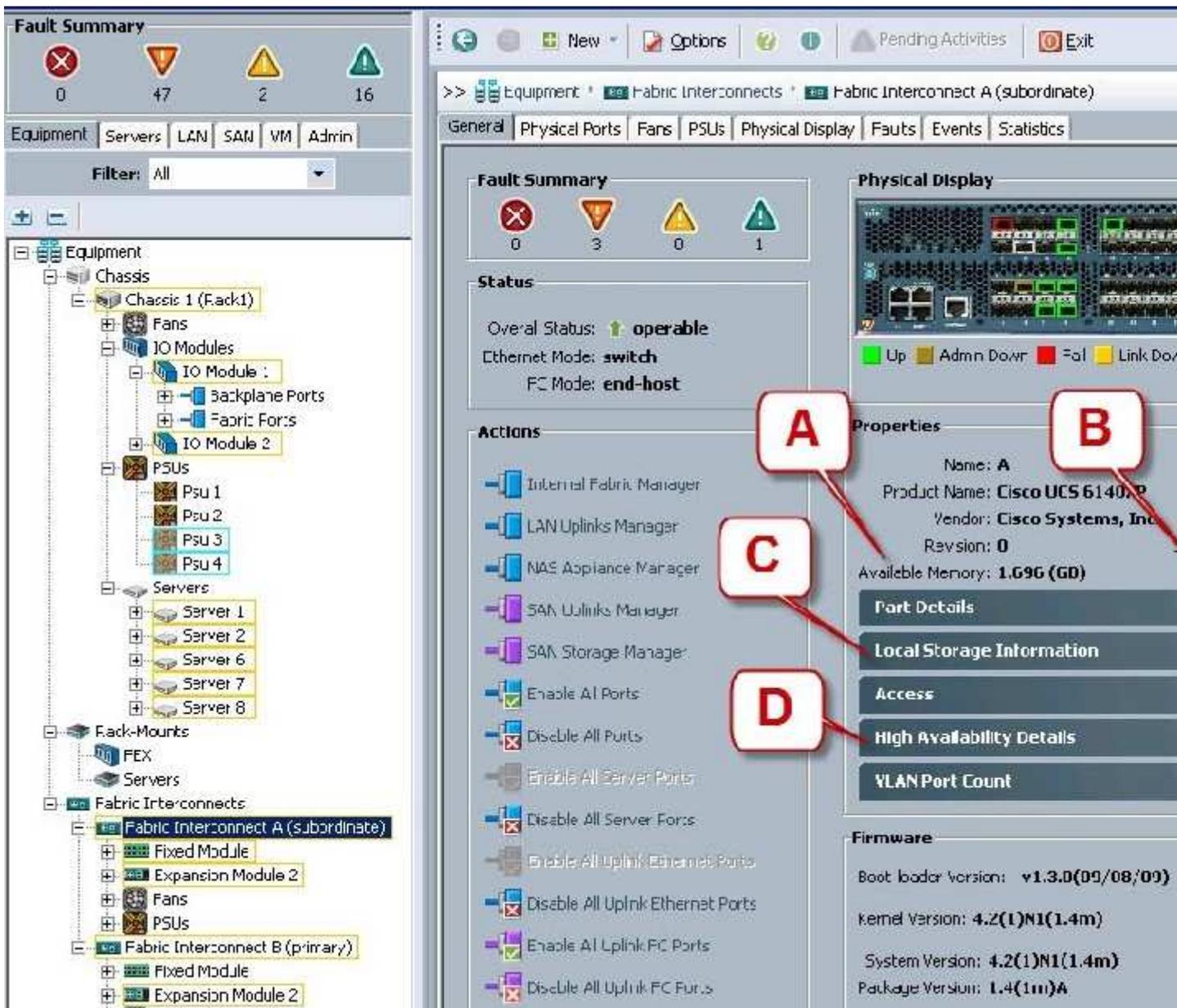
Where is the best place to see bootflash free space?

A. A - Available Memory
B. B - Total Memory
C. C - Local Storage Information
D. D - High Availability Details

Correct Answer: C
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 15
Which three tools are necessary to console into a Cisco UCS C-Series Rack-Mount Server? (Choose three.)

A. Cisco DB-9-to-RJ-45 console cable
B. laptop

C. monitor

D. keyboard

E. KVM dongle

F. USB serial adapter

Correct Answer: CDE
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 16
Which three statements about powering down a Cisco UCS C-Series Rack-Mount Server to perform maintenance or replacement are true? (Choose three.)

A. Standby power mode: Power is supplied only to the service processor and the cooling fans, and it is safe to power off the server from this mode.

B. Power status LED. Green indicates that the server is in main power mode and can be safely powered off.

C. Graceful shutdown: Press and release the power button. The operating system performs a graceful shutdown, and the server goes to standby mode, which is indicated by an amber power status LED.

D. Disconnect the power cords from the power supplies in your server to completely power off the server.

E. Only an emergency shutdown can be performed using the power button on the server front panel.

F. The Cisco UCS C-Series Rack-Mount Server has only one power mode.

Correct Answer: ACD
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 17
Which three components are hot swappable in a Cisco UCS Blade Server and Chassis? (Choose three.)

A. Fabric Extender

B. Power supply

C. Heat sink

D. SAS Hard Drive

E. 2x8GB Kit DIMMs

F. Mezzanine card

Correct Answer: ABD
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 18
Which five things should the administrator verify after performing maintenance or replacing a blade server? (Choose five.)

A. blade server status

B. hard drive status

C. host OS boot status

D. CPU status

E. mezzanine card status
F. memory DIMM status
   G: fan and power status

Correct Answer: ABDEF
Section: Service related Knowledge
Explanation

Explanation/Reference:
Answer: A, B, D, E, F

QUESTION 19
Which two statements about DIMM replacement in Cisco UCS Servers are true? (Choose two.)

A. In blade servers, DIMMs can be installed in either 1, 2, 4, or 8 DIMMs per channel.
B. Rack-mount and blade servers have memory fault LEDs that indicate which DIMM requires attention.
C. In servers that require pairs of DIMMs, the pairs must be identical (manufacturer, size, part #, and so on).
D. If the memory in a server is not fully populated, you can install DIMMs in any open slot.

Correct Answer: AC
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 20
Which action should the administrator take before physically removing a blade server for maintenance or replacement?

A. Force the server to shut down.
B. Disassociate the service profile.
C. Decommission the server.
D. Perform a graceful shutdown of the server.

Correct Answer: C
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 21
Which two commands allow you to view the state of high availability between the two clustered Fabric Interconnects? (Choose two.)

A. show cluster state extended
B. show cluster extended-state
C. show cluster HA status
D. show cluster state

Correct Answer: BD
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 22

When the Cisco UCS Manager is used to verify the B- or C-Series device, which two types of Overall Status are acceptable and do not indicate a failure? (Choose two.)

A. Online
B. OK
C. Unassociated
D. Active

Correct Answer: BC
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 23
What is the correct path to verify the Overall Status of Chassis 1 | Server 3?

A. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 Status tab
B. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 General tab
C. Equipment Tab > Chassis > Chassis 1 > Servers > Server 3 FSM tab
D. Servers Tab > Chassis > Server 3 General tab
E. Status Tab > Chassis > Chassis 1 > Servers > Server 3
F. Admin Tab > Chassis > Chassis 1 > Servers > Server 3 General tab

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 24
If the Overall Status for a Cisco UCS B-Series Blade Server indicates a failure in the Cisco UCS Manager, such as discovery-failed, which statement is true?

A. The server shuts down.
B. The server automatically reboots reboot in 3 minutes.
C. The endpoints on that server cannot be upgraded.
D. The server is online, but the administrator cannot assign a service profile to that blade.

Correct Answer: C
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 25
After installation or replacement of a Cisco UCS C-Series Rack-Mount Server, the host does not boot. Which four options should be verified? (Choose four.)

A. Verify the power source to the equipment.
B. Check for loose HDD cables.
C. Reseat the DIMMs, CPU, and PCI cards.
D. Verify that power supplies are receiving power.
E. Reseat the mezzanine card connector.
F. Check the CPU sockets for bent pins.
  G: Check the Cisco IMC for fan faults.

Correct Answer: ACDF
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 26
Which three troubleshooting procedures do you perform when there is no power to a Cisco UCS B250 M2 Blade Server? (Choose three.)

A. Decommission and acknowledge the blade.
B. Check the back of the blade to ensure that there is no damage to the connection that goes into chassis.
C. Reseat the memory DIMMs.
D. Check the CPU sockets for bent pins.
E. Reseat the blade in the same slot in the chassis.
F. Move the blade to another slot in the chassis.

Correct Answer: BEF
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 27
Which tool does a network administrator not need when installing hardware?

A. cable tester
B. wrench set
C. cable wraps
D. needle-nose pliers
E. PCMCIA memory
F. soldering iron with grounded tip

Correct Answer: F
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 28
Refer to the exhibit.
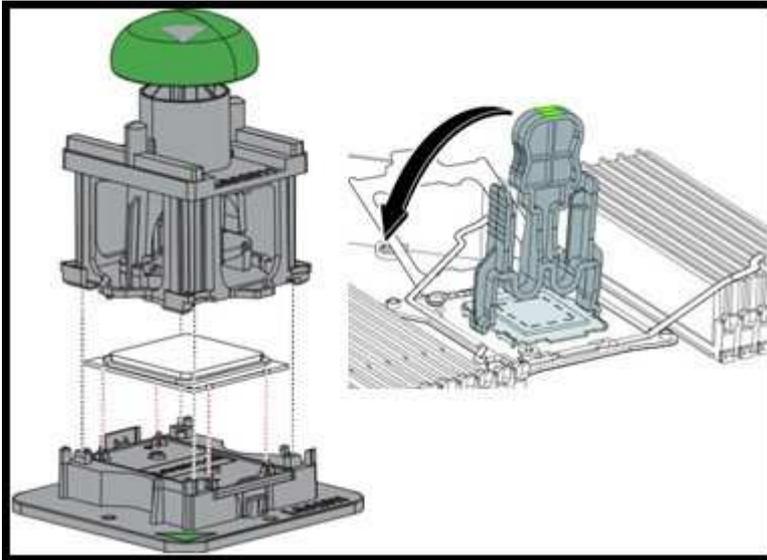
This image shows a CPU Pick-and-Place tool and a CPU Socket Protective Cap Removal tool. Which types of Cisco UCS servers and Intel Xeon processors do these tools support?

A. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Sever with Intel Xeon E5- 2400 Series processors
B. Cisco UCS B22 Blade Server, C22 Rack Server, and C24 Rack Sever with Intel Xeon E5- 2600 Series processors
C. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Sever, and C420 Rack Sever with Intel Xeon E5-2400 Series processors
D. Cisco UCS B200 M3 Blade Server, B420 M3 Blade Server, C220 Rack Server, C240 Rack Sever, and C420 Rack Sever with Intel Xeon E5-2600 Series processors

Correct Answer: D
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 29
Which two remote file system methods are used in the training material to transfer firmware to the Fabric Interconnect? (Choose two.)

A. FTPS
B. FTP
C. TFTP
D. RSH

Correct Answer: BC
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 30
When a host firmware package policy is created, what must it be associated with to upgrade the BIOS?

A. blade or blade pool
B. service profile
C. boot policy

D. service template

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 31
Which three firmware components does the Host Upgrade Utility upgrade? (Choose three.)

A. Fabric Interconnect firmware
B. LAN on Motherboard
C. Cisco UCS Manager
D. CIMC
E. System BIOS

Correct Answer: BDE
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 32
On which three devices can the Host Upgrade Utility be performed? (Choose three.)

A. C420
B. C230
C. B230
D. B210
E. C210
F. B460
    G: C240

Correct Answer: AE
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 33
Up to what speed can Category 5 UTP cable transmit data?

A. 10 Mb/s
B. 100 Mb/s
C. 1000 Mb/s
D. 10000 Mb/s

Correct Answer: C
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 34

Up to what speed can Category 5e UTP cable transmit data?

A. 10 Mb/s
B. 100 Mb/s
C. 1000 Mb/s
D. 10000 Mb/s

Correct Answer: C
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 35
What is the maximum distance that the 40GBASE-LR4 Ethernet standard can span?

A. 550 m
B. 10 km
C. 40 km
D. 80 km

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 36
Refer to the exhibit.
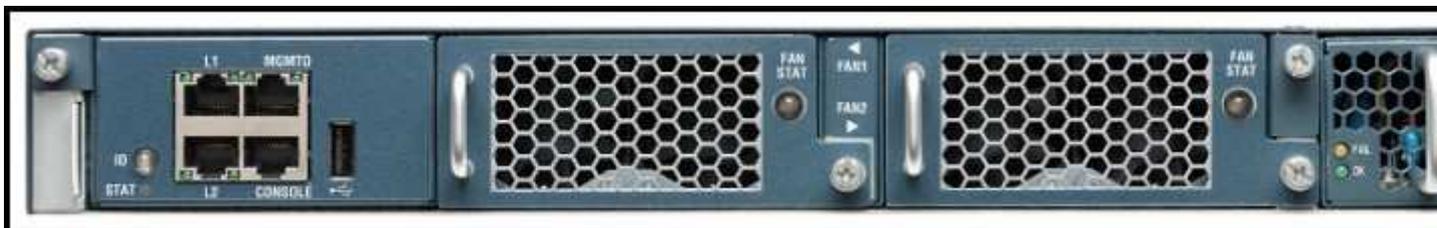
Which three options are features of the Cisco UCS 6248UP Fabric Interconnect front panel? (Choose three.)

A. Console port
B. FCoE port
C. 10 Gb/s port
D. Fan module
E. USB port

Correct Answer: ADE
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 37
Which two statements about the Cisco Nexus 5596UP switch are true? (Choose two.)

A. Its power supplies and fan trays are hot-swappable.
B. It supports unified ports.
C. It is offered in a one-rack-unit form factor.
D. It has one expansion slot.
E. It supports up to 96 10G BASE-T ports.

Correct Answer: AB
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 38
Which two Cisco Nexus switches provide the foundation of the Cisco Application Centric Infrastructure?
(Choose two.)

A. Cisco Nexus 7718 switch
B. Cisco Nexus 9508 switch
C. Cisco Nexus 7710 switch
D. Cisco Nexus 93128TX switch
E. Cisco Nexus 6004 switch

Correct Answer: BD
Section: Service related Knowledge
Explanation

Explanation/Reference:
updated.

QUESTION 39
Which type of optics module is supported by a 6-port 40 GE Cisco Nexus 7000 M2 Series I/O module?

A. CPAK
B. QSFP+
C. SFP/SFP+
D. CFP

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 40
How many 10GBASE-T port licenses are preinstalled on a Cisco Nexus 3064-32T?

A. 16
B. 32
C. 48
D. 64

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 41
Refer to the exhibit.

What is the name of this Cisco Nexus 3000 Series Switch?

A. Cisco Nexus 3132Q
B. Cisco Nexus 3172PQ
C. Cisco Nexus 3524
D. Cisco Nexus 3016

Correct Answer: A
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 42
What is the maximum number of supervisor modules that the Cisco MDS 9710 Switch supports?

A. 1
B. 2
C. 4
D. 6
E. 8

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 43
Which device provides analysis of Fibre Channel traffic without any network disruption?

A. Cisco MDS 9000 Data Analyzer Adapter
B. Cisco MDS 9000 Port Analyzer Adapter
C. Cisco MDS 9000 Channel Analyzer Device
D. Cisco MDS 9000 Channel Analyzer Adapter

Correct Answer: B
Section: Service related Knowledge
Explanation

Explanation/Reference:
perfected.

QUESTION 44
Which three steps do you perform to troubleshoot when a rack server powers on with no video? (Choose three.)

A. Check that the front I/O dongle is properly seated.
B. Check the front I/O cable connection to the motherboard.
C. Check for memory subsystem failure.
D. Verify the power source to equipment.
E. Reseat the DIMMs, CPU, and PCI cards.

Correct Answer: ABC
Section: Service related Knowledge
Explanation

Explanation/Reference:

QUESTION 45
Which three statements about FCoE are true? (Choose three.)

A. Allows Fibre Channel and Ethernet networks to share a single, integrated infrastructure.
B. Encapsulates Fibre Channel frames into Ethernet frames, which allows them to run alongside traditional IP traffic.
C. Increases capital costs due to the difficulty to manage.
D. Consolidates I/O traffic in the data center.

Correct Answer: ABD
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 46
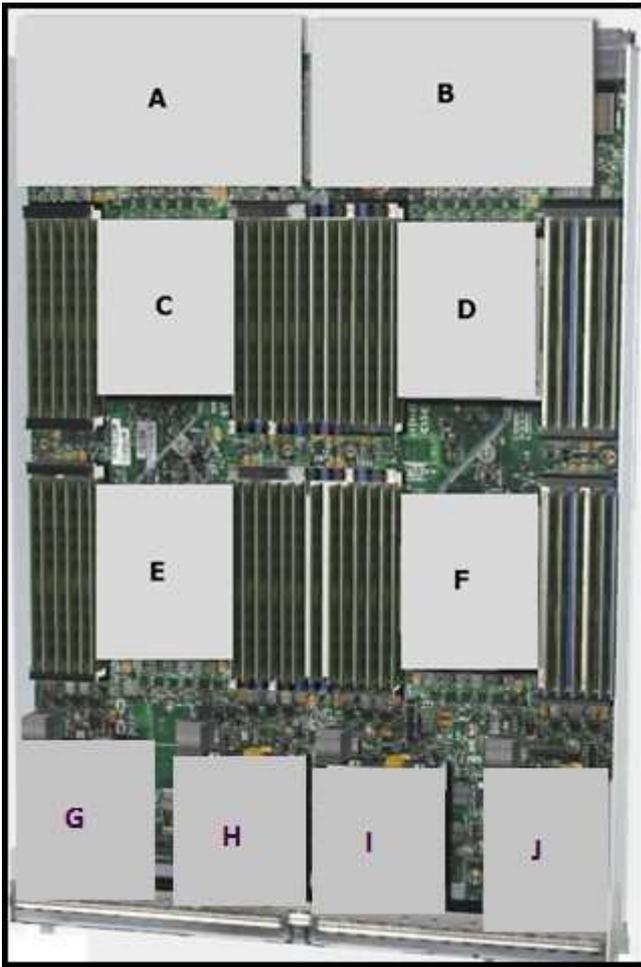
Refer to the exhibit. Which item does F represent?

A. HDD 1
B. TFP Module
C. SuperCap Module
D. CPU 2
E. CMOS Battery

Correct Answer: D
Section: Identify Cisco Equipment and Related Hardware
Explanation

Explanation/Reference:

QUESTION 47
Which Cisco MDS model supports the most Fibre Channel ports per chassis?

A. MDS 9513
B. MDS 9509
C. MDS 9506
D. MDS 9250i

Correct Answer: A
Section: Identify Cisco Equipment and Related Hardware
Explanation

Explanation/Reference:

QUESTION 48
Refer to the exhibit.

Which Cisco MDS chassis supports the 48-Port 16-Gbps Fibre Channel Switching Module?

A. MDS 9509
B. MDS 9513
C. MDS 9710
D. MDS 9506

Correct Answer: C
Section: Identify Cisco Equipment and Related Hardware
Explanation

Explanation/Reference:
answer is modified.

QUESTION 49
Where do you find the model number of a Cisco MDS 9200 Series chassis?

A. on the top front of the chassis next to the serial number
B. on the bottom front of the chassis next to the Cisco logo
C. on the top front of the chassis next to the Cisco logo
D. on the bottom front of the chassis next to the serial number

Correct Answer: C
Section: Identify Cisco Equipment and Related Hardware
Explanation

Explanation/Reference:

QUESTION 50
How do you find the serial number of a Cisco UCS 5108 Blade Server chassis?

A. Use the Cisco UCS Admin.
B. Use the Cisco UCS Application.
C. Use the Cisco UCS Assistant.
D. Use the Cisco UCS Manager.

Correct Answer: D

QUESTION 51
On the Sensors page from the CIMC view, which four tabs are displayed to view further information? (Choose four.)

A. Power Supply
B. Fan
C. Memory
D. CPU
E. LEDs
F. Temperature

Correct Answer: ABEF
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 52
Which command syntax is correct to reset the admin password when the switch is in the kickstart prompt "switch(boot) #"?

A. exec -> admin-password <password>
B. connect local-mgmt -> admin-password <password>
C. configure terminal -> admin-password <password>
D. connect nxos -> admin-password <password>
E. admin-password <password>

Correct Answer: C
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 53
To do a password recovery on a Cisco NX-OS Switch, which option shows the correct syntax to display the bootflash contents at the switch(boot)#?

A. display bootflash:
B. show bootflash:
C. dir bootflash:
D. find bootflash:

Correct Answer: C
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 54
Refer to the exhibit.
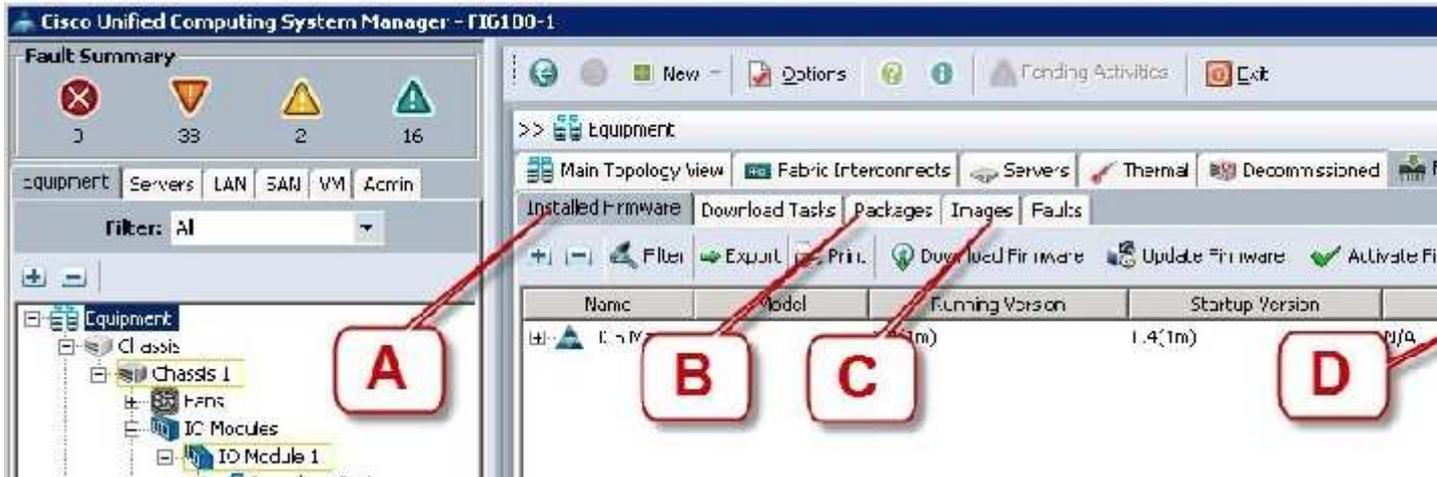
Where is the best place to find the B200 BIOS version used in a specific Cisco UCS Manager version?

A. A - Installed Firmware
B. B - Packages
C. C - Images
D. D - Capability Catalog
E. E - Management Extension

Correct Answer: B
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 55
Refer to the exhibit.
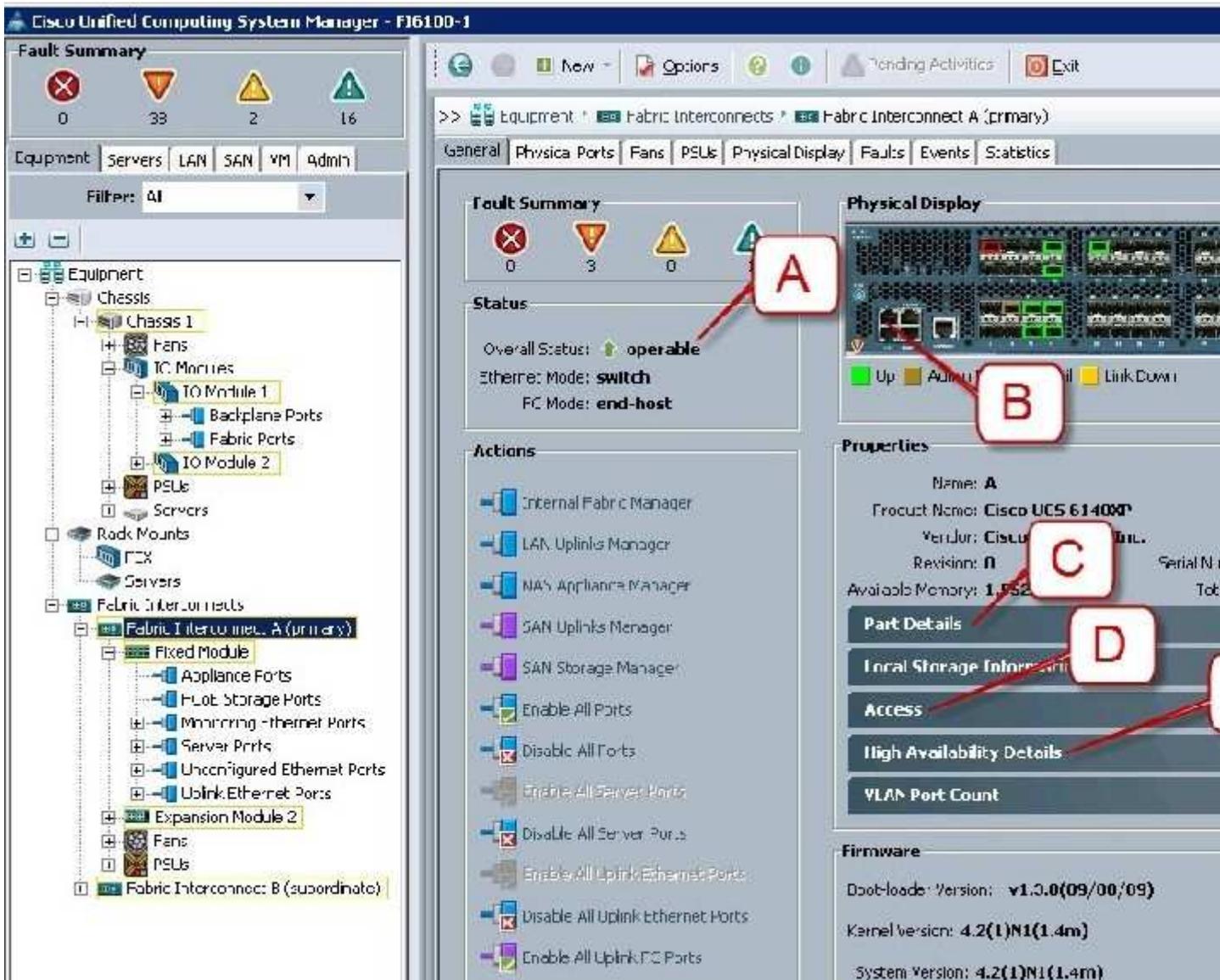
Where is the best place to see whether the system is ready for a Fabric Interconnect failover?

A. A - Overall Status operable
B. B - L1 Connection
C. C - Part Details
D. D - Access
E. E - High Availability Details

Correct Answer: E
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:
Topic 4, Service related Knowledge

QUESTION 56
The Ethernet specification details several different fiber optic media types. What is the wire transmission speed for 100BASE-FX Ethernet?

A. 10 Mb/s
B. 100 Mb/s
C. 1000 Mb/s

D. 10000 Mb/s

Correct Answer: B
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 57
Which fiber optic cable type is used most often with a Subscriber connector?

A. dual-mode
B. single-mode
C. straight-mode
D. multi-mode
E. subscriber-mode

Correct Answer: B
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 58
Which two statements about the Ethernet media are true? (Choose two.)

A. A twisted-pair cable system has each pair of wires twisted together to reduce electromagnetic interference.
B. Compared to multimode fiber, the single-mode fiber is designed for shorter distances with higher cost.
C. 40 Gigabit Ethernet twinax cables deploy Enhanced Quad Small Form Factor Pluggable (QSFP+) connectors.
D. The twinax cables can be found in either a shielded twisted-pair or an unshielded twisted-pair variation.

Correct Answer: AC
Section: General Networking Knowledge
Explanation

Explanation/Reference:

QUESTION 59
Which three options are the minimum browser requirements to log into the Cisco CIMC GUI? (Choose three.)

A. Java 1.6 or higher
B. HTTP and HTTPS enabled
C. Adobe Flash Player 10 or higher
D. Internet Explorer version 10
E. Firefox 26.0
F. Adobe Shockwave Player 11 or higher

Correct Answer: ABC
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

QUESTION 60
Refer to the exhibit.
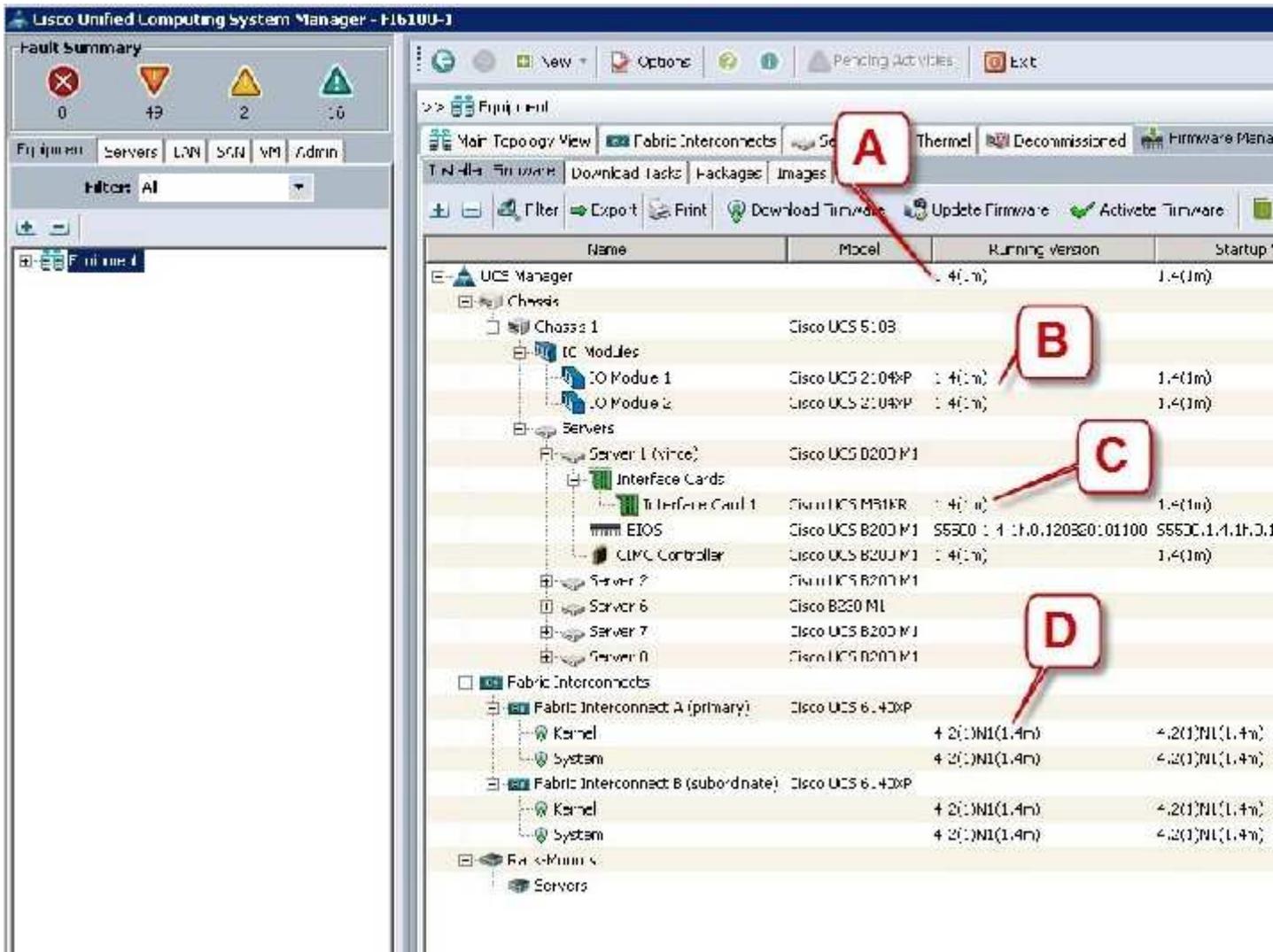
Which call-out accurately shows the current running version of the Cisco UCS Manager management software?

A. A - UCS Manager running version 1.4(1m)
B. B - IO Module 1 running version 1.4(1m)
C. C - Interface Card 1 running version 1.4(1m)
D. D - Kernel running version 4.2(1)N(1.4m)

Correct Answer: A
Section: Describe Cisco NX OS Software Operation
Explanation

Explanation/Reference:

http://www.gratisexam.com/