



# Cisco

## 642-035 Exam

### Troubleshooting Cisco Data Center Unified Computing

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## Version: 8.0

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### Question: 1

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A customer is trying to boot an operating system that is installed on the eUSB on a Cisco UCS B-Series blade server; however, the boot fails. What is the cause of this failure?

- A. The local disk must be the first device in the boot order.
- B. eUSB is not a supported boot device.
- C. eUSB support is available only on the Cisco UCS C-Series rack server.
- D. eUSB is not the first device in the boot order for the server.

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**Answer: D**

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### Question: 2

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A customer is troubleshooting degraded DIMM errors on a Cisco UCS blade server and would like to reset the BMC. What is the correct command sequence to reset the BMC?

- A. UCS1-A# server x/y  
UCS1-A /chassis/server # scope bmc  
UCS1-A /chassis/server/bmc # reset  
UCS1-A /chassis/server/bmc\* # commit-buffer
- B. UCS1-A# server scope  
UCS1-A /chassis/server # scope bmc  
UCS1-A /chassis/server/bmc # reset  
UCS1-A /chassis/server/bmc\* # commit-buffer
- C. UCS1-A# scope server x/y  
UCS1-A /chassis/server # scope bmc  
UCS1-A /chassis/server/bmc # reset  
UCS1-A /chassis/server/bmc\* # commit-buffer
- D. UCS1-A# scope server x/y  
UCS1-A /chassis/server # scope bmc  
UCS1-A /chassis/server/bmc\* # commit-buffer

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**Answer: C**

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### Question: 3

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Which commands can you enter to see if a component in the Cisco UCS domain generated a core file?

- A. 6100-A# scope monitoring  
6100-A /monitoring # scope sysdebug  
6100-A /monitoring/sysdebug # show cores

Core Files:

Name Fabric ID  
-----

B. 6100-A# scope sysdebug

6100-A /sysdebug # scope monitoring

6100-A /sysdebug/monitoring # show cores

Core Files:

Name Fabric ID  
-----

C. 6100-A# scope system

6100-A /system # scope monitoring

6100-A /system/monitoring # show cores

Core Files:

Name Fabric ID  
-----

D. 6100-A# scope cores

6100-A /cores # show cores

Core Files:

Name Fabric ID  
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E. 6100-A# scope logging

6100-A /logging # scope monitoring

6100-A /logging/monitoring # show cores

Core Files:

Name Fabric ID  
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**Answer: A**

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**Question: 4**

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Which four tech support files can you create with the Cisco UCS Manager that you can submit to Cisco TAC for support? (Choose four.)

- A. UCSM
- B. disk LUNs
- C. fabric extender
- D. memory
- E. rack server
- F. chassis
- G. server cache

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**Answer: A, C, E, F**

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**Question: 5**

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Which protocols can be used to send to Cisco TAC (Technical Assistance Center) the show tech-

support command output information about the Cisco UCS domain? (Choose two.)

- A. TFTP
- B. FTP
- C. SCP
- D. Telnet
- E. SecureTelnet

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**Answer: B, C**

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**Question: 6**

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The Cisco UCS Manager displays FSM information for which four of these? (Choose four.)

- A. which FSM task is being executed
- B. the current state of an FSM task
- C. the status of the previous FSM task
- D. any error codes returned while processing
- E. all completed FSM tasks
- F. multiple FSM tasks that completed over multiple tries
- G. multiple FSM tasks that failed

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**Answer: A, B, C, D**

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**Question: 7**

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How will the Cisco UCS Manager react when all of the FSM tasks fail?

- A. retries for 60 seconds
- B. raises faults and alarms
- C. restarts from the previous known good task
- D. sends an NOC SNMP trap email

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**Answer: B**

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**Question: 8**

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What should you do when you see faults during the initial setup and discovery process?

- A. Take note and address the faults.
- B. You can safely ignore these faults.
- C. Log them and try to address the first one.
- D. Reboot until the error messages go away.

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**Answer: B**

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**Question: 9**

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When using the Cisco UCS Manager GUI to troubleshoot a suspected bad memory, which logs contain data that are related to the faulty DIMM?

- A. the System Event log and Faults log that are located under the Admin tab
- B. the Events log and Faults log that are located under the Admin tab
- C. the System Event log that is located under the Server tab in the Navigation panel and the Faults log that is located under the Admin tab
- D. the System Event log that is located under the Equipment tab and the Faults log that is located under the Admin tab

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**Answer: D**

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**Question: 10**

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Which three are valid tech support bundles to collect in the local management shell? (Choose three.)

- A. UCSM
- B. UCSM-MGMT
- C. Port-Channel
- D. Adapter
- E. SAN
- F. FEX

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**Answer: A, B, F**

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**Question: 11**

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The Core File Exporter automatically exports cores to a remote server as they are generated. Which protocol does it use for this action?

- A. FTP
- B. SCP
- C. SFTP
- D. TFTP

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**Answer: D**

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**Question: 12**

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Which log file in Cisco UCS Manager contains information about which user took a specific action?

- A. user access log
- B. system change log
- C. audit log

D. access control log

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**Answer: C**

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