

# Cisco

## Exam 700-603

### UCSInvictefor Field Engineers

Version: 6.2

[ Total Questions: 72 ]

**Question No : 1**

Which three factors contribute to the ease of use of Cisco UCS Invicta? (Choose three.)

- A. Menu-driven CLI for day-to-day management
- B. Simplicity: just install and use
- C. Does not require performance tuning
- D. Enables consolidation of multiple workloads
- E. Plug and grow add additional resources as you need them
- F. Java applet for day-to-day management

**Answer: B,C,D**

**Question No : 2**

Which description of the program-erase cycle is true?

- A. A process used by Cisco UCS Invicta to perform garbage collection on the SSD
- B. A technique used by Cisco UCS Invicta to increase write amplification to improve write performance
- C. A process where the Cisco UCS Invicta operating system runs a program to erase the entire SSD as part of the process of preparing it for initial use
- D. A process where the Cisco UCS Invicta operating system runs a program to erase the entire SSD as part of the process of retiring it from use
- E. A process where an entire page is read into the buffer, then the entire page is erased, and then the buffer is written back with any new or changed bits

**Answer: E**

**Question No : 3**

Which option is the approximate latency of the Cisco UCS Invicta appliance in application-acceleration mode?

- A. 100 milliseconds
- B. 1 microsecond
- C. 100 nanoseconds
- D. 100 microseconds
- E. 1 millisecond

F. 1 second

**Answer: D**

**Question No : 4**

Which three options are three characteristics of Cisco UCS Invicta snapshots? (Choose three.)

- A. A maximum of 10 snapshots can exist at one time for any given LUN.
- B. Snapshots can be taken through a schedule.
- C. Snapshots can be synchronous or asynchronous.
- D. The size of a snapshot can be decreased using the Cisco UCS Invicta management GUI.
- E. A maximum of 5 snapshots can exist at one time for any given LUN
- F. The oldest snapshot is deleted when a snapshot is created that exceeds the maximum number for a LUN

**Answer: A,B,F**

Reference:[http://www.cisco.com/c/en/us/td/docs/unified\\_computing/ucs/invicta/scaling\\_system/5012/admin/scalingsystem-admcfg-5012/scalingsystem-admcfg-5012-luncfg.html](http://www.cisco.com/c/en/us/td/docs/unified_computing/ucs/invicta/scaling_system/5012/admin/scalingsystem-admcfg-5012/scalingsystem-admcfg-5012-luncfg.html)(See Create Snapshots, Point #2, 4, 13).

**Question No : 5**

Which option lists the items that are needed to perform the initial configuration of the Cisco UCS Invicta Scaling Solution?

- A. Cisco UCS Invicta is preconfigured at the factory.
- B. IP address and default gateway
- C. Keyboard and monitor
- D. Web browser and Ethernet cross-over cable

**Answer: C**

**Question No : 6**

Assume a 4 K block with 50% writes and 50% reads. What is the approximate number of input/output operations of a typical SAS hard disk drive?

- A. About 10-20IOPS
- B. About 100-200IOPS
- C. About 1.000-2.000 IOPS
- D. About 10.000-20.000 IOPS
- E. About 100.000-200.000 IOPS

**Answer: D**

**Question No : 7**

Which two options are two characteristics of Hadoop? (Choose two.)

- A. It relies on complex star schema designs to efficiently handle decision support queries.
- B. It relies on distributed parallel processing.
- C. It is a very large OLTP database engine.
- D. It relies on a few very expensive compute platforms.
- E. It is a single appliance that integrates both software and hardware.
- F. It is an open source, batch data processing system.

**Answer: B,F**

**Question No : 8**

Which two characteristics are common to OLAP and data warehouse operations? (Choose two.)

- A. Large sequential writes
- B. Large read I/O sizes
- C. Extremely high volume of small random read operations
- D. Extremely high volume of small random write operations
- E. Large sequential reads

**Answer: B,E**

**Question No : 9**

What is the IP address block of the default management interface?

- A. 192.168.0.1/24
- B. 192.168.0.0/24
- C. 172.16.0.0/24
- D. 10.0.0.0/8
- E. 10.0.0.0/24

**Answer: A**

**Question No : 10**

In which three ways does thin provisioning increase latency? (Choose three.)

- A. Each read has to be block translated
- B. An update of the physical to logical map has to be made
- C. The disk needs to be zeroed out.
- D. Capacity is statically allocated.
- E. Each write has to be block translated
- F. Thin provisioning requires mirrored storage, which doubles the typical latency.

**Answer: B,C,E**

**Question No : 11**

Which option describes mirrored LUNs?

- A. They are available only with the data reduction nodes.
- B. They are available in only the Cisco UCS Invicta Scaling Solution
- C. They are available in only the Cisco UCS Invicta Appliance.
- D. They are available in the Cisco UCS Invicta Appliance and Scaling Solution.

**Answer: B**

**Question No : 12**

Which three options are three functions of a Cisco UCS Invicta scaling system router?