

Cisco

Exam 700-602

UCSInvicta Systems Engineer Exam

Version: 6.0

[Total Questions: 80]

Question No : 1

Which three descriptions of the Cisco UCS Invicta scaling system router are true? (Choose three.)

- A. Connects to scaling system nodes using AGP cables
- B. Provides node management
- C. Manages connectivity between hosts and scaling system nodes
- D. Supports FCIP, iSCSI, and Fibre Channel
- E. Configured using CiscoWorks
- F. Supports combination of acceleration and data reduction nodes

Answer: B,C,F

Explanation: Scaling System router provides hosts connectivity, node management and it does support iSCSI and FibreChannel but not FcoE which makes option D incorrect. You could order, however, a combination of acceleration and standard reduction nodes.

Question No : 2

Which option lists the system functions that are included in the scaling system router?

- A. Node management, mirroring, and replication
- B. Flash management, error correction, and power fail data protection
- C. Node management, thin provisioning, and deduplication
- D. Snapshots, thin provisioning, and deduplication
- E. Node management, mirroring, and snapshots

Answer: A

Question No : 3

Which three tools can be used to manage the Cisco UCS Invicta scaling system? (Choose three.)

- A. Cisco DCNM
- B. Telnet

- C. Cisco UCS Director
- D. Cisco UCS Invicta GUI
- E. SSH
- F. Cisco Prime Storage Manager
- G. Cisco VFrame

Answer: C,D,E

Question No : 4

Which RAID level does Cisco UCS Invicta utilize?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 6
- E. Cisco UCS Invicta does not use RAID

Answer: D

Question No : 5

Which PCIe slots are available to add more interfaces to the scaling system router?

- A. Slots 2 and 5
- B. Slots 4 and 5
- C. Slots 3 and 4
- D. Slots 1 and 2
- E. Slots 2 and 3

Answer: A

Explanation: Slots 2 and 5 allow for additional interface to be added, you could use either a quadport

10 GE Server adapter SFP+ or an 8G fiber channel adapter.

Question No : 6

Which two options are performance differences between Cisco UCS Invicta and PCIe flash memory? (Choose two.)

- A. Cisco UCS Invicta consumes much less power than PCIe flash memory.
- B. Cisco UCS Invicta provides much better benefit at scale for system boot storms.
- C. Cisco UCS Invicta provides much better reduction in system boot time.
- D. Cisco UCS Invicta provides significantly better I/O latency.
- E. Cisco UCS Invicta provides significantly more I/O acceleration.

Answer: B,C

Explanation: Those are the performance differences, in the other subjects stated above, both technologies are very similar.

Question No : 7

Which three options are use cases where enterprise disk systems provide a strong value proposition? (Choose three.)

- A. Media applications
- B. Transactional applications
- C. High-performance computing
- D. VDI/desktop visualization
- E. Transient data performance
- F. Static file storage
- G. Long-term archiving

Answer: A,F,G

Explanation: These uses do not call for time sensitive performance which a flash storage system provides, but for a more stable (even if slower) and affordable storage solution. The exception is media, where capacity is sacrificed for a good storage solution.

Question No : 8

Which three options are three primary performance limitations of hard disk drives? (Choose three.)

- A. Seek time
- B. Undersized capacitors
- C. Electrical latency
- D. Rotational latency
- E. RAID penalty
- F. Undersized platters

Answer: A,D,E

Explanation: HDDs are typically much slower because of the seek time it takes to find the sectors where the data is located. RAID penalty causes limitation because wait time is increased.

Question No : 9

Which statement about the scaling system router is true?

- A. SSR has no management or host facing interfaces, no ring buffer, and no LSI RAID card.
- B. SSR has no management interface but does have host facing interfaces, no ring buffer, and no LSI RAID card.
- C. SSR has management and host facing interfaces, a ring buffer, and no LSI RAID card.
- D. SSR has management and host facing interfaces, ring buffer, and LSI RAID card.
- E. SSR has management and host facing interfaces, no ring buffer, and no LSI RAID card.

Answer: E

Explanation: SSR deals with management and networking functions of the Scaling system; the other options referred to above are storage-specific, thus carried by the Scaling Node.

Question No : 10

Which option shows the number of physical SSDs that Cisco UCS Invicta v5.0 appliances can be ordered with?

- A. 22

- B. 12 or 24
- C. 12
- D. 6, 12, or 24
- E. 6, 12, 18, or 24
- F. 24

Answer: F

Question No : 11

Which option describes why PCIe-based flash solutions are not a strong value proposition for VDI/desktop virtualization?

- A. The industry favors AGP-based flash solutions because the bus speed is faster.
- B. It is not a good fit at scale.
- C. It improves I/O speed, but nothing else.
- D. Its purchase price is too high.
- E. The industry favors USB-based flash solutions because it is more common.

Answer: B

Explanation: PCIe based solution might provide performance necessary within the calculated threshold, but doesn't scale well when trying to add more virtualization.

Question No : 12

How many PCIe slots are available in the Cisco UCS Invicta appliance for additional 10 cards?

- A. 2
- B. 0
- C. 1
- D. 3
- E. 4
- F. 5

Answer: F

Question No : 13

Which option describes how Cisco UCS Invicta v5.x provides scalability?

- A. Scale up
- B. Scale out
- C. Scale up / scale out
- D. Only half of the drive bays are populated when shipped by Cisco, which allows the customer to purchase additional drives to expand capacity when needed
- E. Scale down

Answer: C

Explanation: Invicta allows for both augmentation of performance through capacity upgrades and scalability through new devices.

Question No : 14

Which option is the definition of the "RAID penalty"?

- A. The limitation that RAID can only be enabled for one storage shelf per cluster
- B. The increase in the purchase price for a product when RAID is utilized
- C. The extra wait time required for all operations required by the RAID level
- D. The fact that RAID requires a dedicated cache to properly function

Answer: C

Explanation: When planning for storage operations, RAID penalty is a measure to calculate carefully as it implies the waiting time for parity info to be written.

Question No : 15

Which four options are four key messages for Cisco UCS Invicta solutions? (Choose four.)

- A. Cisco UCS Invicta eliminates the need for Fibre Channel connectivity.
- B. Cisco UCS Invicta replaces all other PCIe-based flash storage.