



Vendor: Cisco

Exam Code: 700-602

Exam Name: UCS Invicta for System Engineers

Version: DEMO

QUESTION 1

Which protection mechanism is used by the Cisco UCS Invicta appliance to protect data writes if a power outage occurs?

- A. The UPS option is available to prevent loss of power to the device.
- B. The LSI RAID card protects data in the event of power loss.
- C. The QLogic HBA card protects data in the event of power loss.
- D. The NVRAM card protects data in the event of power loss.

Answer: D

Explanation:

The NVRAM card is the actual ring buffer which protects data to be written in the case of power outages.

QUESTION 2

Which three statements about solid state drives are true? (Choose three.)

- A. Solid state drives typically exceed the capacity of hard disk drives.
- B. Solid state drives typically deliver about 1,000 times less latency than hard disk drives.
- C. Solid state drives typically deliver 5-10 times less latency than hard disk drives.
- D. Cisco best practices dictate that random and sequential workloads should not be mixed on the same solid state drive because poor performance results.
- E. Solid state drives typically deliver about 100 times the IOPS performance of hard disk drives.
- F. Solid state drives do not suffer from mechanical seek time latency.

Answer: ABF

Explanation:

SDDs have superior performance to HDD, and outperform them by big differences. The lack of mechanical latency incurred in HDDs allows SDD provide improved performance.

QUESTION 3

Which aspect of Cisco UCS Director offers task automation for Cisco UCS Invicta configuration?

- A. Customized workflows using the API
- B. Customized workflows using Python scripts
- C. Customized workflows using Perl scripts
- D. Customized workflows using macros
- E. Customized workflows using JSON scripts

Answer: D

Explanation:

UCS Director provides Macros allowing you to customize workflows.

QUESTION 4

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 5

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.
- C. Performance and deduplication storage nodes can be deployed in the same scaling system.
- D. Cisco UCS Invicta provides symmetrical write performance (writes perform about as fast as reads).
- E. Cisco UCS Invicta scaling system provides a unique architectural advantage over other all flash arrays.
- F. Cisco UCS Invicta provides scale-up performance up to 30 storage nodes.
- G. PCIe flash form factor provides Cisco UCS Invicta with the lowest latency possible.
- H. Cisco UCS Invicta concurrently provides scale-up and scale-out architectures.

Answer: CDEH

Explanation:

The architecture of Cisco Invicta allows both scale up and scale out options, providing flexibility to customize the type of storage nodes based on the needs and allowing near equal performance for both read and write operations.

QUESTION 6

Which three options are characteristics of the Cisco UCS Invicta asynchronous replication feature? (Choose three.)

- A. A LUN can be asynchronously replicated to a NFS share.
- B. It provides for file-level replication based on a snapshot of a point in time.
- C. It is an optional licensed feature on Cisco UCS Invicta systems.
- D. It is available only on Cisco UCS Invicta scaling systems.
- E. It provides for block-level replication based on a snapshot of a point in time.
- F. It can be enabled at any time without disruption.

Answer: CEF

Explanation:

Asynchronous replication happens either from LUN to LUN or NFS to NFS; it's an optional feature that can be loaded at any time without disruption.

QUESTION 7

Which option is the name of a Linux command-line I/O tool that is meant to be used for benchmark and stress/hardware verification?

- A. Bash
- B. fio

- C. X11
- D. lometer
- E. Remedy
- F. GNOME

Answer: B

Explanation:

FIO is this command line tool native to Windows and actually comes pre-packaged with Fedora 8.

QUESTION 8

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: BC

Explanation:

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

QUESTION 9

Which interface types are supported in the PCIe slots of the scaling system router?

- A. No user configurable interface cards are supported.
- B. 10 GE and 16 GB Fibre Channel.
- C. 10 GE and 8 GB Fibre Channel.
- D. 1 GE and 8 GB Fibre Channel.
- E. 1 GE and 16 GB Fibre Channel.

Answer: C

QUESTION 10

Which interface types are supported in the PCIe slots of the scaling system node?

- A. User-configurable interface cards are not supported.
- B. 11 GE and 16 GB Fibre Channel.
- C. 11 GE and 8 GB Fibre Channel.
- D. 2 GE and 8 GB Fibre Channel.
- E. 2 GE and 16 GB Fibre Channel.

Answer: A

Explanation:

Remember it's the SSR which needs connectivity to the switching backplane.

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