

Dell XtremIO Deploy Achievement

EMC D-XTR-DY-A-24

Version Demo

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QUESTION NO: 1

When will an administrator receive an alert when " Small IO Alerts " are set to " enabled " ?

- A. I/Os < 2 KB are detected
- B. I/Os < 8 KB are detected
- C. I/Os < 1 KB are detected
- D. I/Os < 4 KB are detected

ANSWER: D

Explanation:

"I/Os < 4 KB are detected" is correct. In XtremIO, enabling Small IO Alerts allows the cluster to notify an administrator when it detects I/O requests below the 4 KB small-I/O threshold. This alert is intended as an operational visibility feature: very small requests can increase protocol and processing overhead relative to the amount of data transferred, so a sustained pattern may warrant investigation of the application, host configuration, or workload profile. The alert helps an administrator identify that behavior early and evaluate whether the I/O pattern is expected for the workload or whether tuning may improve efficiency. It does not, by itself, indicate an array fault; rather, it flags a workload characteristic that may be relevant during performance assessment. Dell documentation for the XtremIO family, including product documentation and operational guidance, is available through the [Dell XtremIO documentation portal](#). Dell's support site also provides access to current product resources, advisories, and knowledge-base material at [Dell Support](#).

QUESTION NO: 2

Which user ID is required to install the XtremIO X1 XtremApp code onto the XMS and Storage Controllers?

- A. xmsadmin
- B. xinstall
- C. tech
- D. admin

ANSWER: B

Explanation:

The required user ID is **xinstall**. XtremIO software installation and upgrade workflows use this dedicated service account to perform the privileged, coordinated deployment activities required across both the XtremIO Management Server (XMS) and the Storage Controllers. The account is intended for installation operations, so it provides the necessary access to place the XtremApp software components, execute the installation procedure, apply configuration changes, and maintain the expected ownership and permissions of files created during deployment. Using the designated installation account is important because the deployment process spans multiple XtremIO components and depends on consistent credentials and authorization throughout the workflow. It also supports the documented operational separation between routine management access and installation-level actions. Before beginning the installation, the deployment engineer should confirm that the xinstall credentials are available and that connectivity to the XMS and both Storage Controllers is established. Dell's XtremIO documentation is available through the [Dell XtremIO product documentation page](#); current product support resources can also be located through [Dell Support](#).

QUESTION NO: 3 - (SIMULATION)

You need to install an XtremIO X1 at a customer's location and want to ensure the correct communication cables are connected to the back of the X- Bricks. Match the cables to their numeric label shown in the exhibit.

ANSWER: Check the explanation for the answer

Explanation:

Connect the BBU communication cables to the numbered ports as follows:

- 1 — X5-BBU-COM-L (X-Brick 5, left BBU communication cable)
- 2 — X6-BBU-COM-L (X-Brick 6, left BBU communication cable)
- 3 — X5-BBU-COM-R (X-Brick 5, right BBU communication cable)
- 4 — X6-BBU-COM-R (X-Brick 6, right BBU communication cable)

Thus, the X-Brick 5 left/right cables go to labels 1 and 3, respectively; the X-Brick 6 left/right cables go to labels 2 and 4, respectively.

QUESTION NO: 4

A systems administrator needs to create a snapshot of a 10-volume database at exactly 1:00 AM and present them to a backup server. What is the best practice to perform this task?

- A. Use a Consistency Group and Snapshot Refresh
- B. Use a Snapshot Set and the Scheduler
- C. Use a Consistency Group and the Scheduler
- D. Use a Snapshot Restore and Snapshot Set

ANSWER: C

Explanation:

Use a Consistency Group and the Scheduler. A database distributed across 10 volumes requires a point-in-time copy that preserves consistency among every participating volume. An XtremIO Consistency Group treats the related volumes as a single application set for snapshot operations, allowing snapshots to be created at the same logical instant. This is important for database recovery and backup processing because the backup server receives a coordinated image of the database rather than independently timed volume copies. The Scheduler supplies the automation required to run that Consistency Group snapshot operation at precisely 1:00 AM each day, avoiding reliance on a manual administrative action. After the scheduled snapshot is created, it can be mapped and presented to the backup server for the backup workflow. This combination separates the production database volumes from the backup host while maintaining a consistent recovery point and a repeatable schedule. Dell product documentation and technical resources for XtremIO are available through the [Dell XtremIO documentation portal](#) and the [Dell XtremIO product page](#).

QUESTION NO: 5 - (SIMULATION)

What is the correct sequence of steps to create a new XtremIO X1 cluster from an existing XMS?

Steps

- Log into the existing XMS Easy-Install menu
- Log into the existing XMS as "tech"
- Issue the create-cluster command
- Select "Install Storage Controller only"
- Install the components and prepare the Storage Controllers

Answer Area

The answer area shows a sequence of steps with arrows indicating the correct order. The steps are: Log into the existing XMS Easy-Install menu, Log into the existing XMS as "tech", Issue the create-cluster command, Select "Install Storage Controller only", and Install the components and prepare the Storage Controllers. The arrows indicate the sequence: 1 (right arrow), 2 (left arrow), 3 (right arrow), 4 (left arrow), 5 (right arrow).

ANSWER: Check the explanation for the answer

Explanation:**Correct sequence:**

The existing XMS is accessed first with the service account. Easy-Install is then used to deploy and prepare the new X1 Storage Controllers; after they are ready, the cluster is created with the `create-cluster` command.

QUESTION NO: 6

During the installation of an XtremIO cluster, you configure the ESRS server using a FQDN for Connect Home. During the test, you discover that the XtremIO cluster fails to connect home. What is a possible cause for this issue?

- A. ESRS IP for an ESRS configuration can only be used
- B. DNS needs to be configured on the ESRS Gateway
- C. Port 25 is blocked on the firewall
- D. DNS needs to be configured on the XMS

ANSWER: D**Explanation:**

DNS needs to be configured on the XMS because the XtremIO Management Server must resolve the fully qualified domain name supplied for the ESRS server. When Connect Home is configured with a hostname rather than a literal IP address, the XMS uses its configured DNS service to translate that hostname into the destination IP address before it can establish the ESRS connection. If no reachable DNS server is configured, or the configured DNS server has no valid record for the ESRS FQDN, name resolution fails and the Connect Home test cannot reach the ESRS endpoint. Ensure the XMS network settings include valid DNS server addresses and, where required by the environment, an appropriate DNS search domain. Also verify that the ESRS hostname resolves to the intended address from the management network. Dell documentation identifies DNS configuration as part of the XMS network setup and requires correct connectivity between XtremIO management components and support connectivity services. See the [Dell XtremIO X2 documentation](#) and Dell's [Secure Connect Gateway documentation](#) for deployment and connectivity guidance.

QUESTION NO: 7

An operations engineer needs to create and save a new XtremIO report for a capacity-review process. The security team requires that the account be assigned the least privileged role that permits this task.

Which account role should be assigned?

- A. Read Only
- B. Technician
- C. Configuration
- D. Administrator

ANSWER: C**Explanation:**

Configuration is correct. Creating a report is a configuration-level activity in XMS and requires the Configuration role at minimum. Read Only access cannot create reports, while Administrator access would provide broader privileges than required.

QUESTION NO: 8

Refer to the Exhibit.

Which label represents the correct power cable connection between the left power supply in Storage Controller 1 to the Battery Backup Unit in an XtremIO X1 single X-Brick cluster?

- A. X1-SC1-PSU-L > X1-BBU1-Output2
- B. X1-SC1-PSU-L>X1-BBU1-Output1
- C. X1-SC1-PSU-L>X1-BBU2-Output2
- D. X1-SC1-PSU-L > X1-BBU2-Output1

ANSWER: B

Explanation:

The correct connection is **X1-SC1-PSU-L>X1-BBU1-Output1**. In an XtremIO X1 single X-Brick installation, the storage-controller power connections are deliberately mapped to Battery Backup Unit outputs so that the controller power supplies receive the intended protected power path. The label identifies the left power supply of Storage Controller 1, *X1-SC1-PSU-L*, and maps it directly to Output 1 on Battery Backup Unit 1, *X1-BBU1-Output1*. This prescribed cabling relationship is important during deployment because the BBU provides conditioned, battery-backed power for the associated controller power feed. Following the documented output-to-power-supply mapping ensures that the X-Brick is wired consistently with the platform's physical-installation design and that power protection behavior is predictable during an input-power interruption. Installers should verify the equipment labels at both cable ends before connecting the cable and use the system-specific deployment or hardware-installation guide together with the rack cabling exhibit. Dell's XtremIO support documentation is available through the [Dell XtremIO documentation page](#); Dell's broader product-support portal is available at [Dell Support](#).