



# One Button Configuration QXS Profile Bundle Installation

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## Introduction

The QXS-3/4/6 systems support the One-Button Configuration (OBC) feature (pre-defined profiles) to create storage volumes. The OBC profiles can be tailored for specific product configurations. These are known as a custom set of OBC profiles and are called QXS Profile Bundles (QPBs).

The custom set of OBC profiles:

- Can be distributed and installed on the QXS-3/4/6 systems independent of the firmware.
- Provide a powerful configuration mechanism that makes the QXS-3/4/6 systems installation easy for customers.

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**Note:** QPBs are obtained from Quantum or Quantum's partners. The method of obtaining the bundles is product line dependent. The actual distribution mechanism is beyond the scope of this document.

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# QXS Profile Bundle (QPB) Installation

The QXS Profile Bundle (QPB):

- Is a Linux .bin file that.
  - Uses a format understandable to the QXS firmware.
- Has a file name:  
SureStaQ Commvault QXS One-Button-Configuration Profile Set
- Uses the same process as installing firmware.

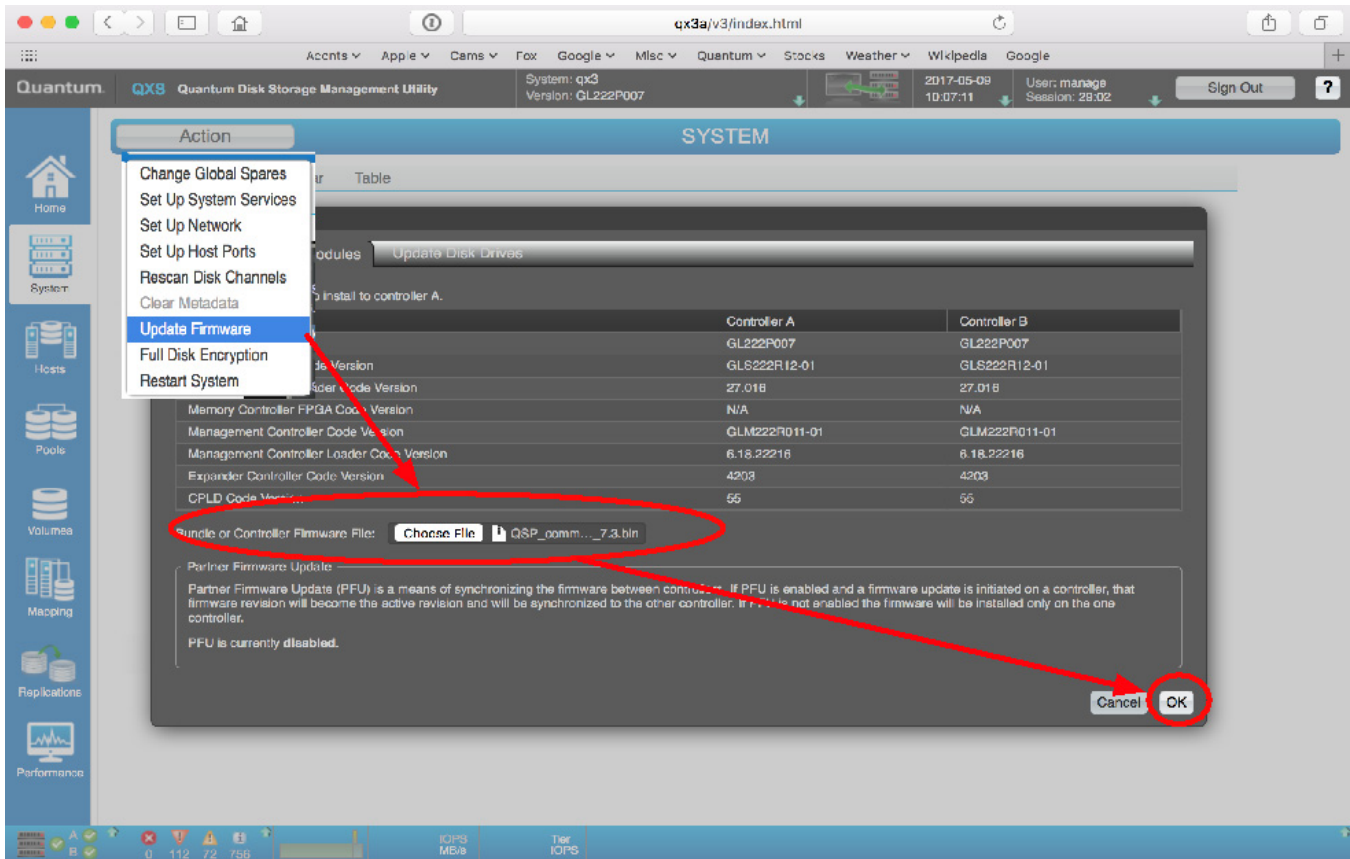
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**Caution:** Firmware "Gx222rxxx" or later is required for the QPB installations. Refer to the QXS Gx222P0xx Release Notes for the current firmware release for specific systems.

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- 1 Ensure that the existing firmware is up to date.
- 2 Log on to the QXS array web based interface (WBI, V3 GUI) and select [\(Figure 1\)](#):  
**System > Action > Update Firmware > Choose File**

Figure 1 Choosing .bin File

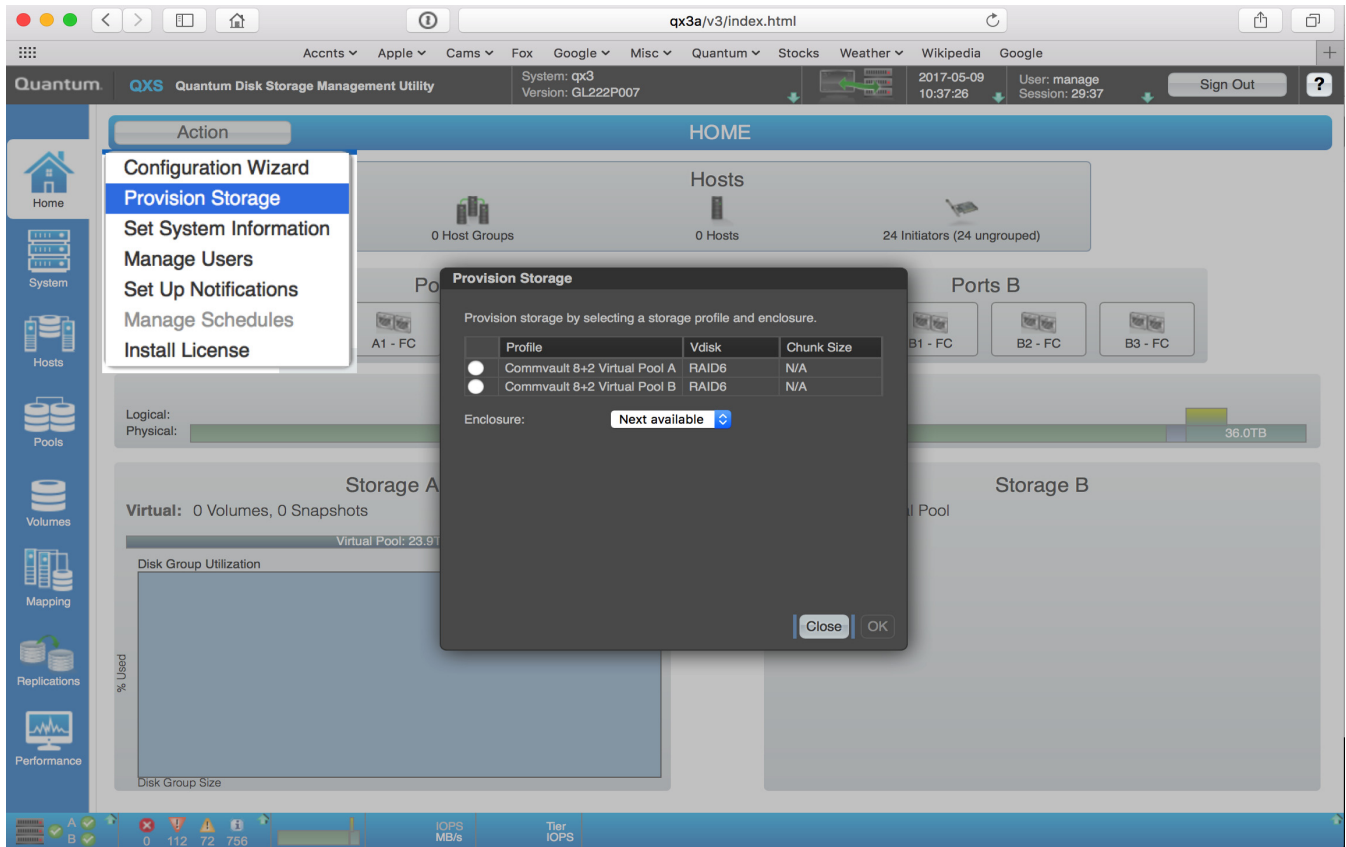


- 3 Navigate to the QPB Linux .bin file and click **OK**.

**Note:** The new QXS Profile Bundle (QPB) will overwrite the current profiles. To revert back to the original profile set shipped with QXS, please contact Quantum. An update of firmware does not change the profile set.

4 Select **Home > Action > Provision Storage** to select the desired profile(s).

Figure 2 Selecting Provision Storage



5 Select the profile and click OK.

- A volume is created.
- Refer to the QXS Disk Management Utility User Guide V3 for additional information.

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## Global Hot Spares

This section defines the number of global hot spare(s) (GHS) created for the QXS-312 and QXS-456 systems when installing the QPB Linux .bin file.

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### QXS-312 System

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The QXS-312 system characteristics are:

- Creates an 8+2 RAID configuration with 1 GHS.
- If there is already a GHS configured, than the system will use that existing GHS.
- If there are only 10 serviceable drives in the system (array), it will provision the 8+2 RAID configuration and present a warning that it could not configure a GHS.

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### QXS-456 System

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The QXS-456 system characteristics are:

- Creates an 8+2 RAID configuration with 2 GHSs.
- If there is already 2 GHSs configured, than the system will use those existing GHSs.
- Creating a 2nd volume will not create any additional GHSs.

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## Contacting Quantum

More information about this product is available on the Service and Support website at <http://www.quantum.com/ServiceandSupport/Index.aspx>. The Service and Support Website contains a collection of information, including answers to frequently asked questions (FAQs). You can also access software, firmware, and drivers through this site.

For further assistance, or if training is desired, contact the Quantum Customer Support Center:

<b>United States</b>	1-800-284-5101 (toll free) +1-720-249-5700
<b>EMEA</b>	+800-7826-8888 (toll free) +49-6131-3241-1164
<b>APAC</b>	+800-7826-8887 (toll free) +603-7953-3010

For worldwide support:

<http://www.quantum.com/ServiceandSupport/Index.aspx>

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