How to Expand an Array with an LSI Controller

Purpose: To show the process of adding a drive labeled Unconfigured Good to an existing array. This guide assumes that a new drive(s) has been added to at least one unused drive bay that will be used to expand.

Modify the Drive Group

1. If the server was shut down, close the exacqVision client and log out of user and into admin.

2. Minimize the exacqVision Client and open the LSI MegaRAID Storage manager. This can be accessed by either selecting Start > All Programs > MegaRAID Storage Manager > StartupUI or double-clicking the MegaRAID Manager icon on the Desktop (if present).

3. The Host View page will open. Select the Host that comes up in the list to get the login window.

4. Log in with admin/admin256 in Windows and root/exacqvisionip in Linux and select Login.

5. Navigate to the Logical tab next to the Physical tab.

6. Right-click Drive Group: 0, RAID 6 and select Modify Drive Group.

7. Select the box next to Confirm and then select Yes.

8. Use the drop-down at the bottom of the page and select RAID 6 and then select Next.

9. Select the box next to the Available Drive you want to add and then select Next.

10. Confirm the Post modification settings are larger than the Current settings and select Finish.

11. Reconstruction of the array will begin. This can take a large amount of time.