ClipStore Playback Settings

This application note applies to XPression Clips or turnkey machines with the XPression Clips Option.

This application note describes a setting change that can provide optimized clip playback, especially when playback is occurring at the same time an INcoder that is running on a different machine might be sending clips to the Clip Store.

★If using the XPression INcoder, it is NOT recommended to run the INcoder on the same machine as the Clip Store/Clips/Studio with Clips Option if encoding with the INcoder will be occurring simultaneously with clip playback.

Clip Store Version

The Clip Store should be running version 6.0 build 3325 or higher.

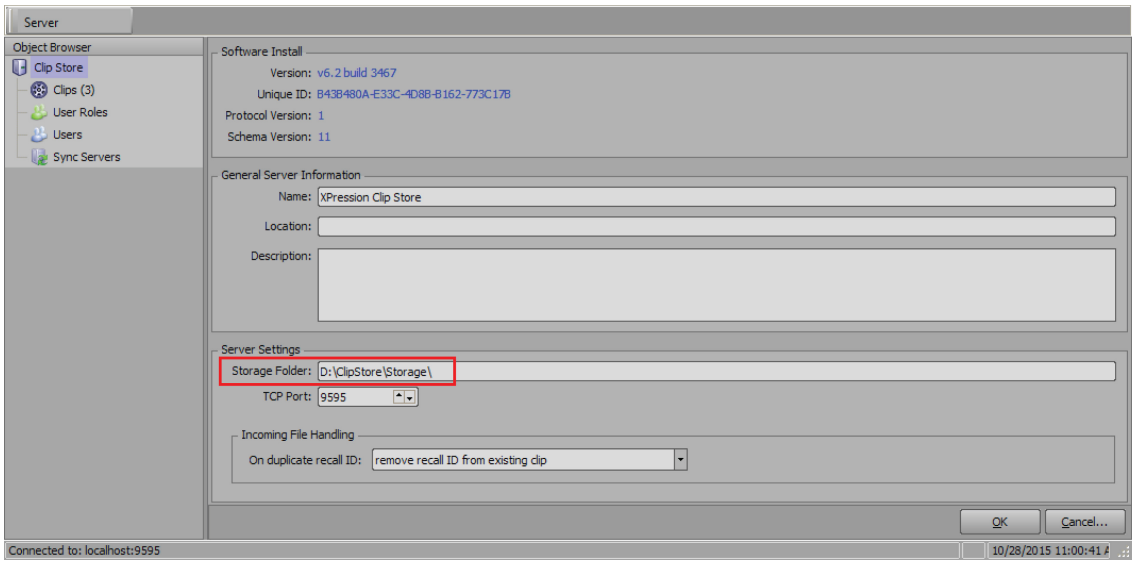
Clip Store Configuration

- If using Clip Store v6.1 build 3428 or higher, by default the Clip Store will create a storage folder on the D:\ media drive where the clips and thumbnails will be stored. The default path is `D:\ClipStore\Storage\`.

  If the machine does not use a D:\ media drive, the default path will be `C:\Program Files (x86)\XPression Clip Store\Storage\`.

- If using a Clip Store version prior to v6.1 build 3428, by default the Clip Store will create a storage folder on the C:\ drive where the clips and thumbnails will be stored. The default path is `C:\Program Files (x86)\XPression Clip Store\Storage\`.

  It is recommended that the Clip Store be configured to store clips on the D:\ media drive, if available. Ideally, this would be done during initial configuration before any clips have been ingested into the system. The storage folder can be configured in the Clip Store manager.



If the storage folder is being changed after clips have already been ingested into the system, you will need to manually copy the contents of the D:\ClipStore\Storage\ or C:\Program Files (x86)\XPression Clip Store\Storage\ to the new folder. A warning will be presented to remind you to do so:

The new path should contain three subfolders: **Clips**, **Thumbnails**, and **Flipbooks**.

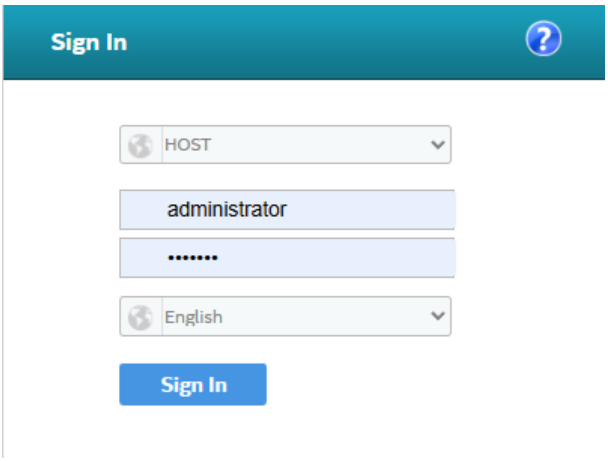
The Clip Store must be restarted after changing the storage folder location.

RAID Configuration

It is recommended to change the caching settings on the RAID controller to provide more consistent read/write performance which can avoid stuttering when clip playback and ingest is occurring simultaneously.

1. In **Windows**, double click the **Launch LSA** () desktop icon.

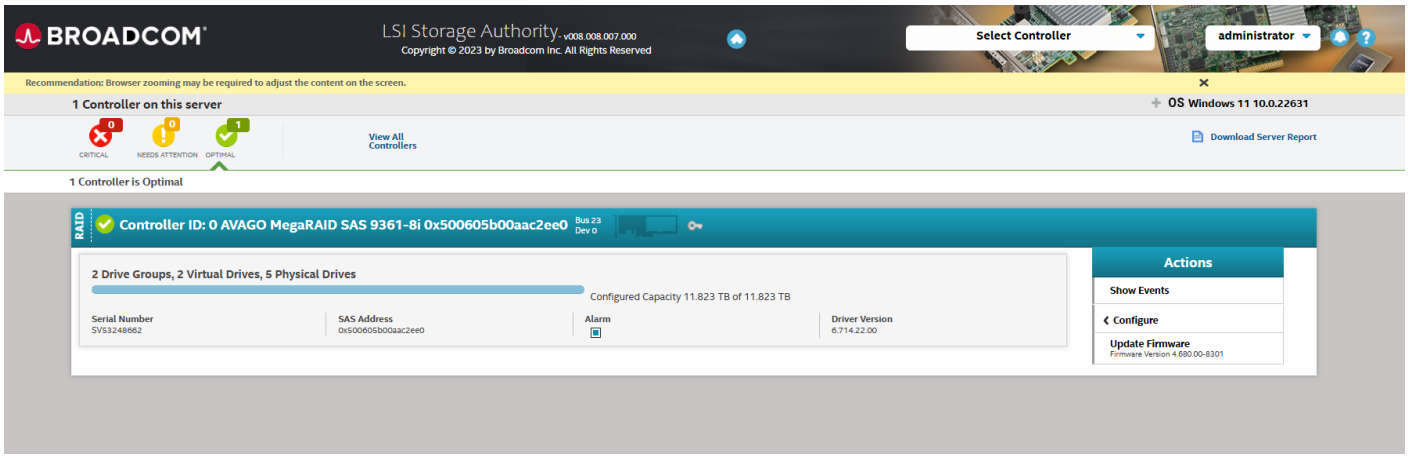
   The **Login** window opens.



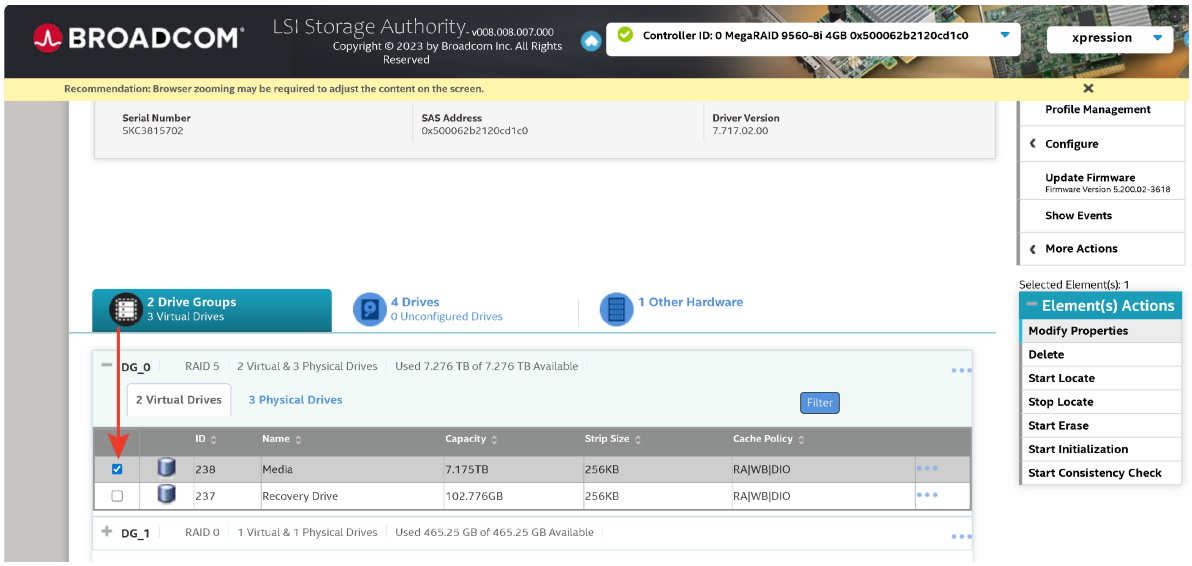
2. Use an administrator account to login.

3. Select **Sign In**.

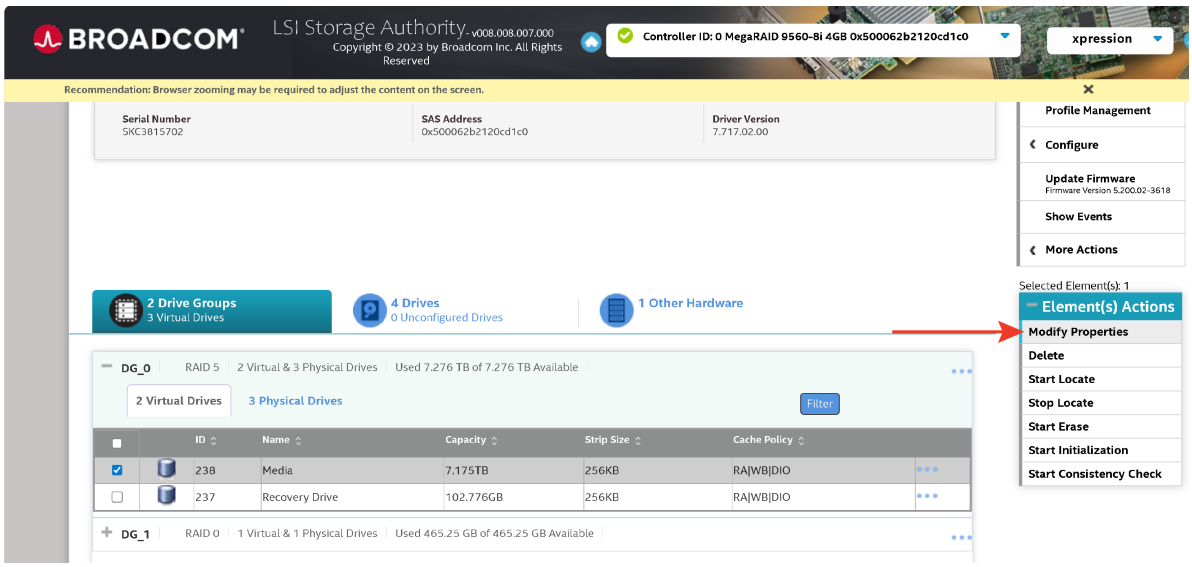
   The **Main Screen** opens.



4. Select the **Media** drive.



5. Select **Modify Properties** from the **Element(s) Actions**.

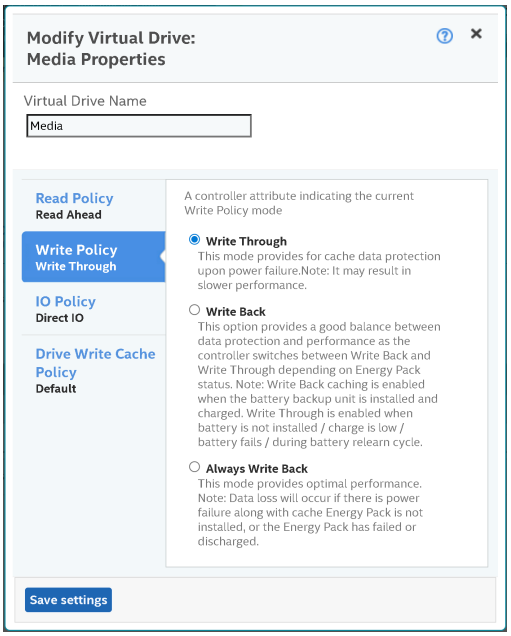


The **Modify Virtual Drive: Media Properties** dialog opens.

6. In the **Modify Virtual Drive: Media Properties** dialog, do the following:

   a. Select **Write Policy**.

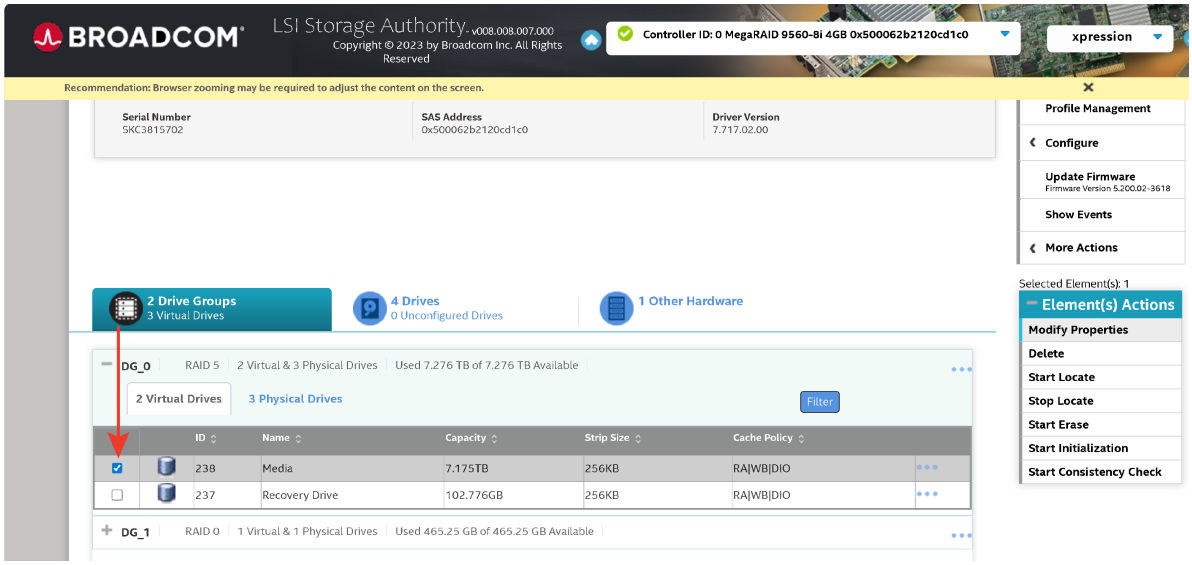
   b. Select the **Write Through** radio button.



   c. Select **Save Settings**.

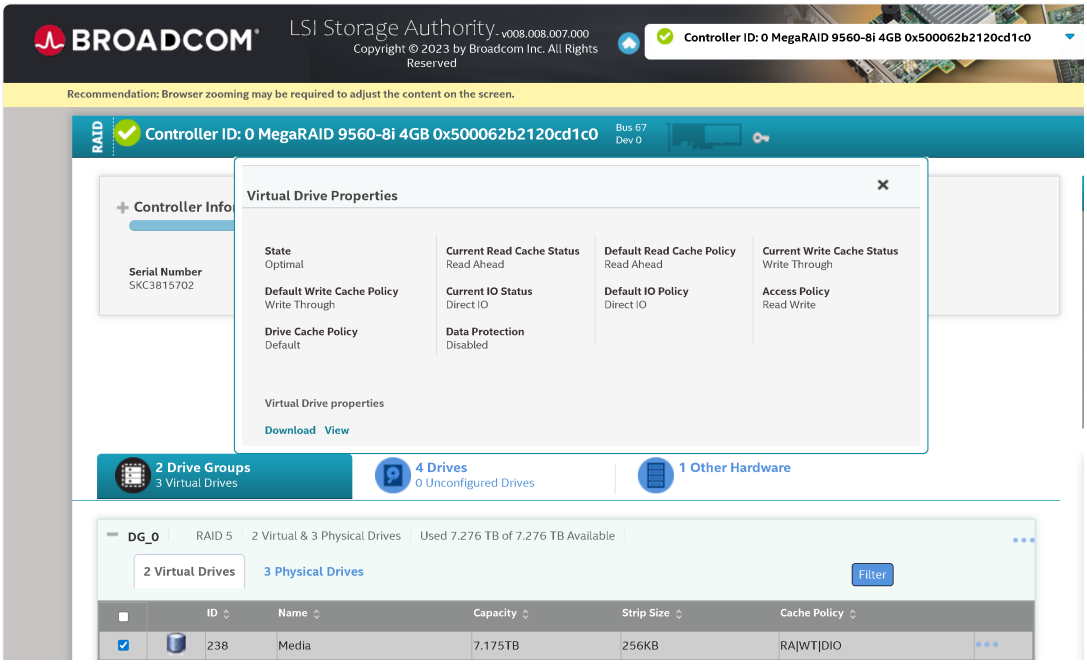
      The **Modify Virtual Drive: Media Properties** dialog closes.

7. Select the **Media** drive.



8. Select the **Virtual Drive Properties** button (**...**).

   The **Virtual Drive Properties** dialog opens.



9. Verify that the **Current Write Cache Status** is set to **Write Through**.