

HARD DRIVE INSTALLATION AND CONTENT ACTIVATION GUIDE

Server Model Numbers T-400, T-420A, T-440i, T-640i, RM-400, RM-440i, RM-540i, RM-800, RM-820, WAN-800, WAN-840, WAN-1000, RM-86, WAN-1212.

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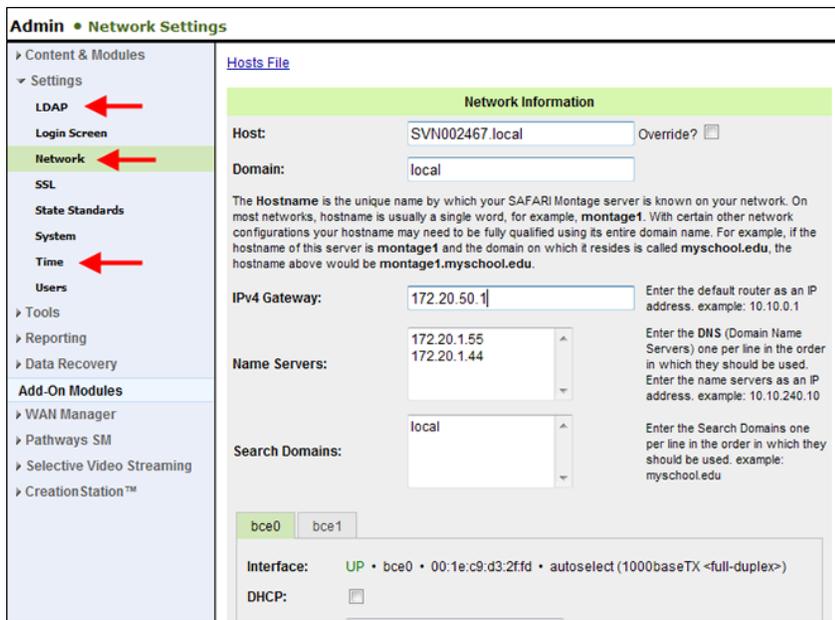
BEFORE YOU BEGIN:

- It's important that you follow the steps outlined in this manual for optimal performance of your SAFARI Montage system.
- We recommend that you perform a backup of your SAFARI Montage system prior to installing your new hard drive. See page 3 “Backing Up Data and Media” for more details.
- We recommend that you allow internet access in order to activate and assign the content.
- Prior to upgrading, we recommend that you refer to the system requirements found online at <http://www.safarimontage.com/support>.
- Check the packing slip and confirm that you have the correct hard drives and, if necessary, a software update DVD.
- Please note that the images and screenshots in this guide may differ slightly depending on your version of SAFARI Montage.
- Additional support can be found online at <http://www.safarimontage.com/support>.

BACKING UP DATA AND MEDIA

We recommend that you back up your data and files regularly using the SAFARI Montage Data Recovery tool found in Admin → Data Recovery. Instructions for SAFARI Montage Data Recovery can be found in the Help section under “Backup and Data Recovery Guide” in the “Administrator Guide”.

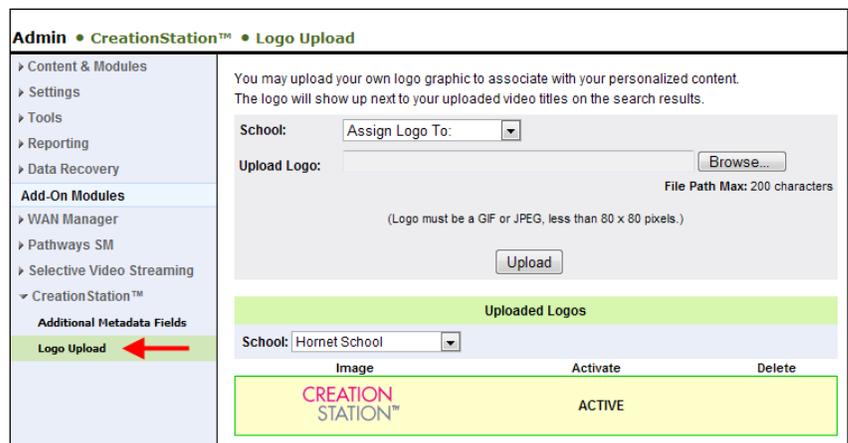
Prior to backup, we recommend that you take note of your network, LDAP and time server settings, as well as any personalized login screen or CreationStation™ images and logos. This data may be necessary when configuring a new server or restoring your existing server.



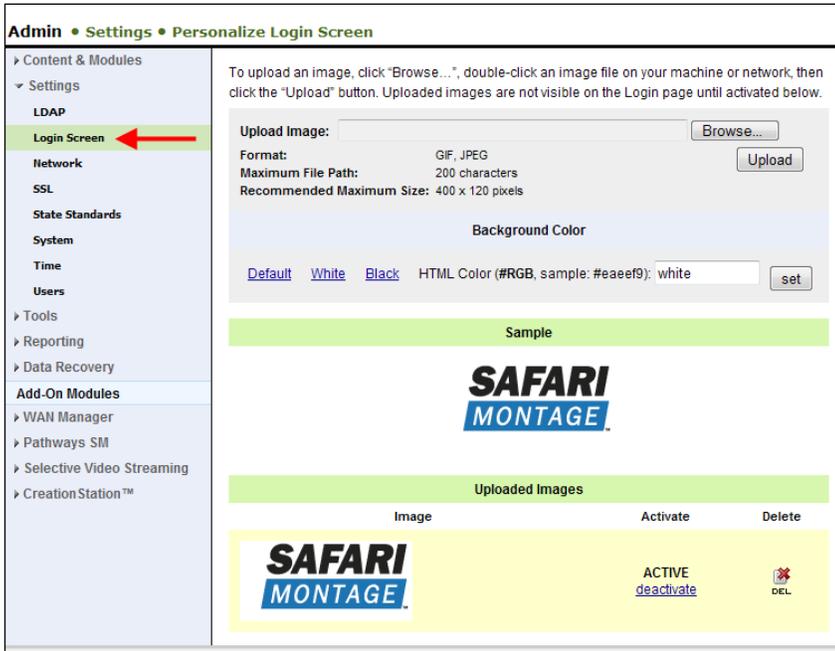
The screenshot shows the 'Admin • Network Settings' page. The left sidebar contains a navigation menu with 'Network' highlighted. The main content area is titled 'Network Information' and includes fields for Host (SVN002467.local), Domain (local), IPv4 Gateway (172.20.50.1), Name Servers (172.20.1.55, 172.20.1.44), and Search Domains (local). Below these fields, there are tabs for 'bce0' and 'bce1', and a section for 'Interface' showing 'UP • bce0 • 00:1e:c9:d3:2ffd • autoselect (1000baseTX <full-duplex>)' and a 'DHCP' checkbox.

The network, LDAP and time server settings can be found in the Admin → Settings section. Please copy these settings into a text document if necessary and save.

The CreationStation logo graphic can be found in the Admin section under Configure → CreationStation. Please save this image from the web page so it can be uploaded again if necessary.



The screenshot shows the 'Admin • CreationStation™ • Logo Upload' page. The left sidebar has 'Logo Upload' highlighted. The main content area includes a 'School' dropdown menu set to 'Assign Logo To:', an 'Upload Logo' field with a 'Browse...' button, and an 'Upload' button. Below this, there is a table titled 'Uploaded Logos' with columns for 'Image', 'Activate', and 'Delete'. The table contains one entry: 'CREATION STATION™' with 'ACTIVE' in the 'Activate' column.



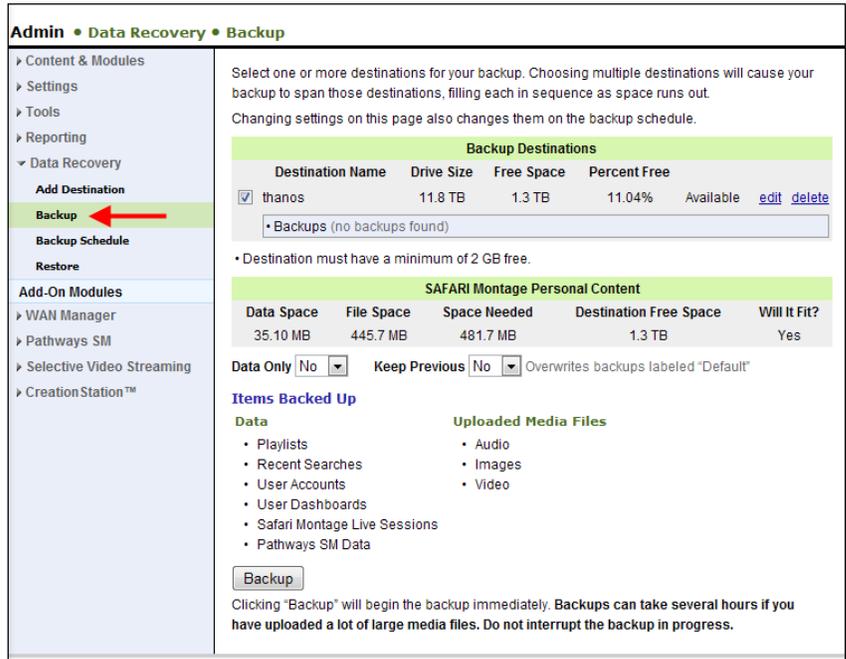
Login screen logo graphics can be found in the Admin section under Settings → Login Screen. Please save the images in the uploaded images list on the web page so they can be uploaded again if necessary.

The SAFARI Montage Data Recovery interface can be found in the Admin → Data Recovery section.

Instructions for SAFARI Montage Data Recovery can be found in the Help section under “Backup and Data Recovery Guide” in the “Administrator Guide”.

IMPORTANT!

If CreationStation is installed, you should set the “Data Only” drop-down to “No”.

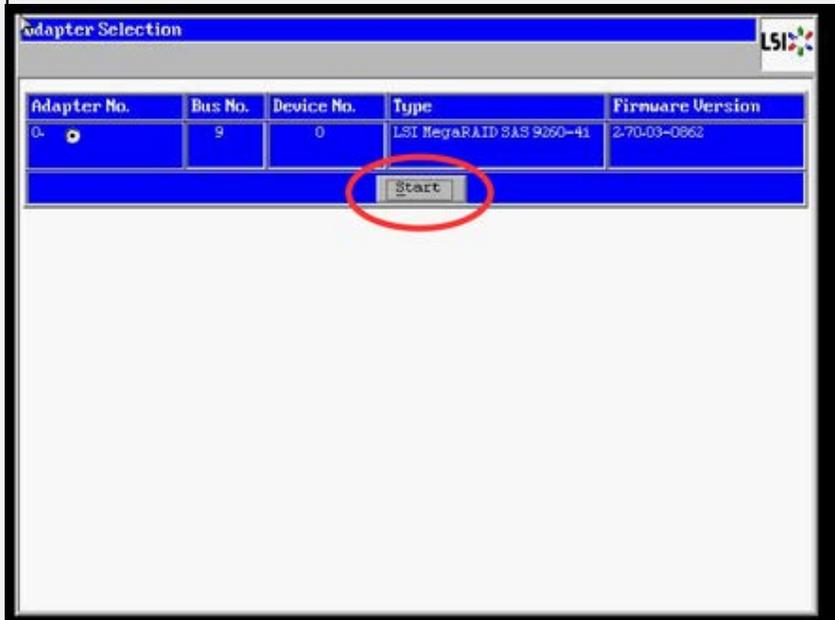


This section will discuss building a RAID 1 pair using a new OS and blank hard drive never configured for RAID 1 use.

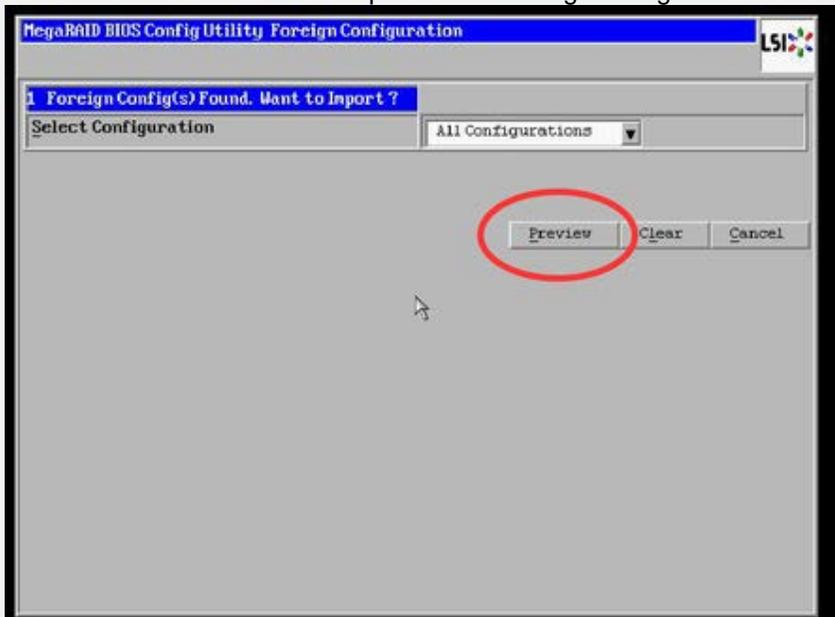
1. Insert the two drives into the server and power on. During the boot up sequence, you will be prompted that a foreign configuration has been found. Press **<C>** and the keyboard, followed by **<Y>** at the next prompt inquiring if you are sure.
Note: in some instances there may not be a prompt to import a foreign configuration. In these instances, access to the Mega RAID BIOS can be achieved by pressing **<Ctrl>+<H>** when instructed during the server's boot sequence.
2. Select the Adapter to be configured and click on the Start button. There should be only one adaptor present.
3. Click on the **Preview** button to preview the foreign configuration to be imported.
4. Accept the foreign configuration import by clicking on the **Import** button. From the main BIOS screen, the Logical View will show two un-configured drives.
5. Click on the **Configuration Wizard** link from the left-hand navigation.
6. Select **Add Configuration** and click the **Next** button.
7. Select **Manual Configuration** and click the **Next** button. Set Redundancy to 1.
8. Choose the two drives to be used from the Drives list and click the **Add To Array** button. For a RAID 1 configuration, make sure to include both drives in the array.
Note: Multiple drives can be selected by pressing the **<Ctrl>** key during selection. Select add to Span. Create RAID 1.
9. Verify the Drive Group being created and click the **Add to Array** button, followed by clicking the **Next** button.
10. Define the Span Definition by selecting the Drive Group 0 and clicking the **Add to SPAN** button, followed by clicking the **Next** button. Select **RAID 1** and update the size. The size should reflect the size of 1 OS drive.
11. Verify the Virtual Drive Definition and click on the **Accept** button, followed by clicking the **Next** button.
Note: If the Write Policy is set to **Write Through** (default), you will be asked to confirm use of this setting. Click the **Yes** button to use Write Through mode.
12. Commit the Virtual Drive Definition by clicking the **Accept** button. Click on the **Yes** button when asked if you want to save this configuration. Select **NO** to Enable Cache.
13. **VERY IMPORTANT** Click on the **No** button when asked to initialize the drives. **Exit, Yes and Ctrl Alt Del** to reboot.

This section will discuss building a RAID 1 pair using a degraded OS RAID 1 drive and a blank drive.

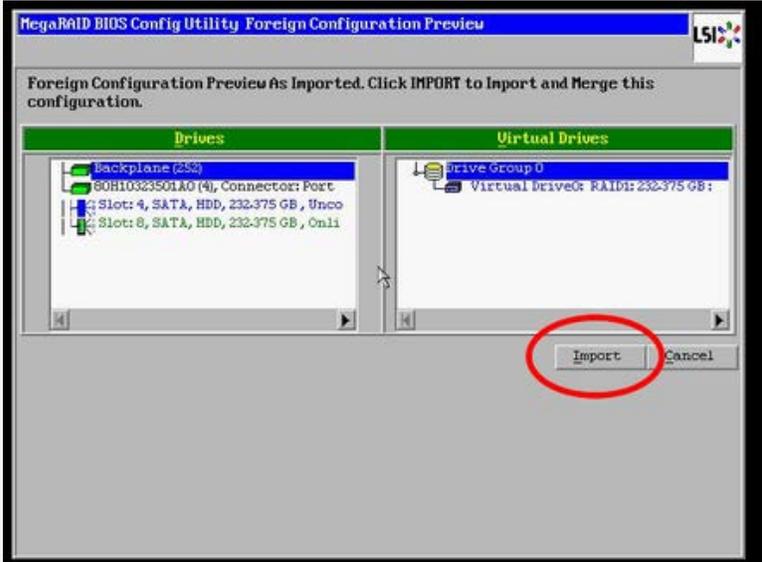
1. Insert the two drives into the server and power on. During the boot up sequence, you will be prompted that a foreign configuration has been found. Press <C> on the keyboard, followed by <Y> at the next prompt inquiring if you are sure.
Note: In some instance there may not be a prompt to import a foreign configuration. In these instances access to the Mega RAID BIOS can be achieved by pressing <Ctrl>+<H> when instructed during the server's boot sequence.
2. Select the Adapter to be configured and click on the **Start** button. There should only be one adapter present.



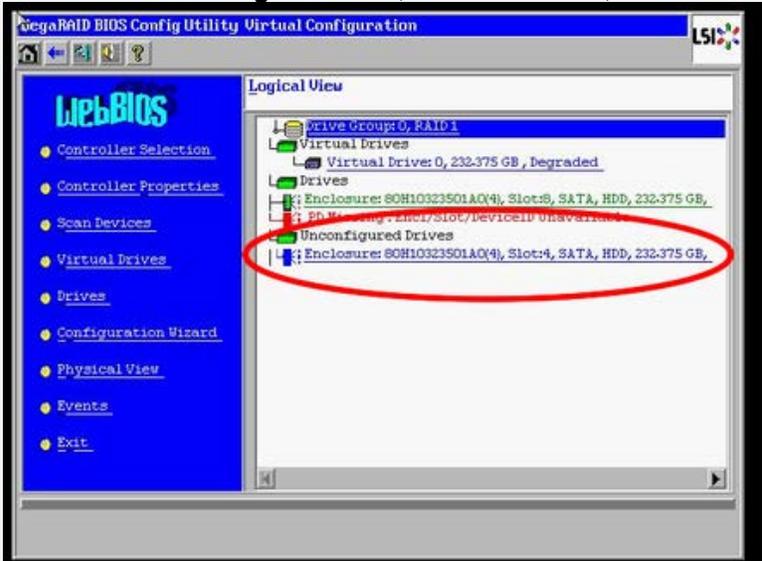
3. Click on the **Preview** button to preview the foreign configuration to be imported.



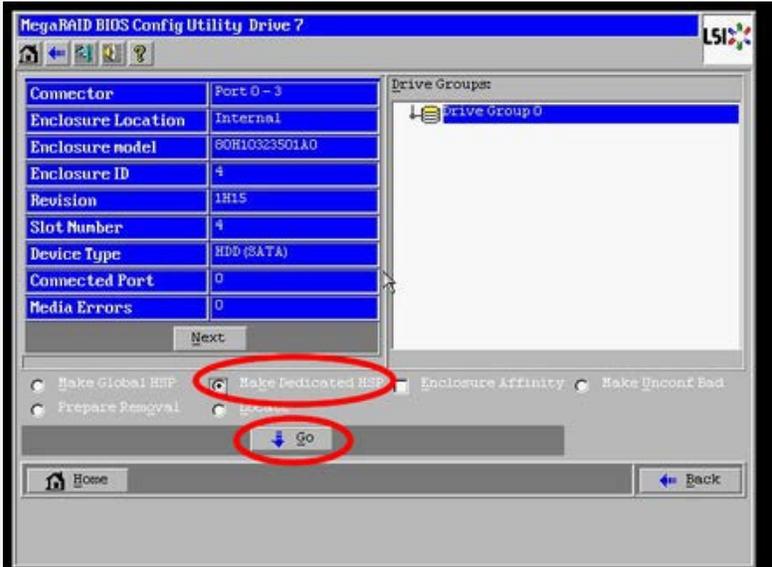
4. Accept the foreign configuration import by clicking on the **Import** button.



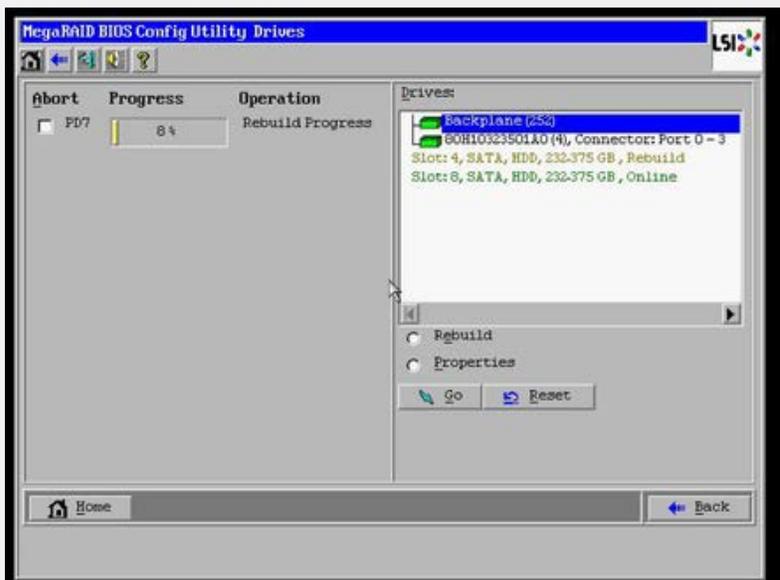
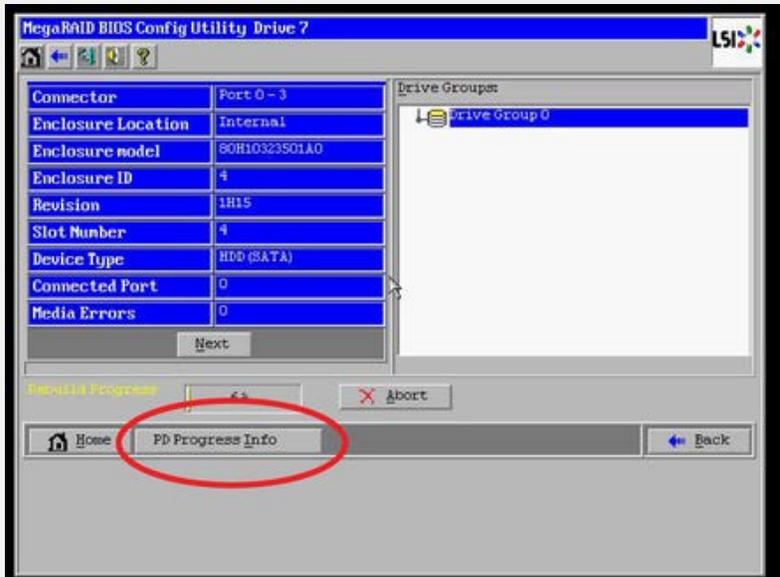
5. Click on the **un-configured drive**, indicated in blue, to be used in the RAID 1 pair.



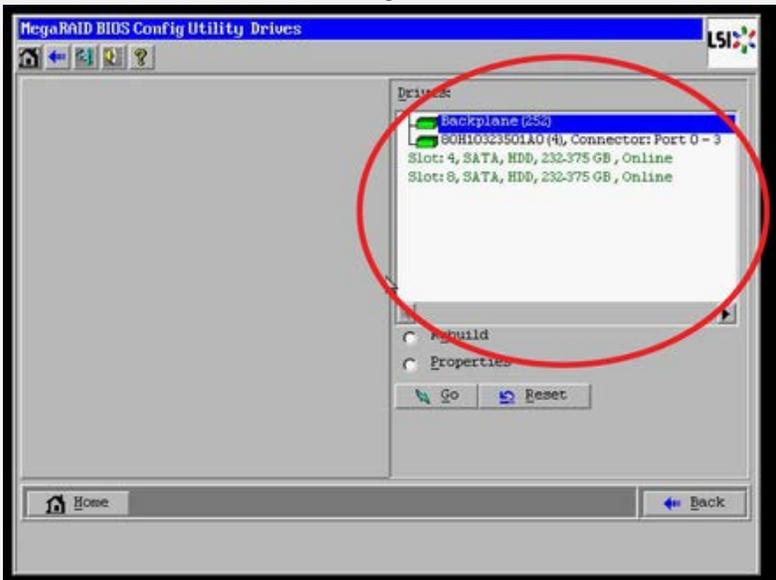
6. Mark the radial labeled **Make Dedicated HSP** and click on the **Go** button.



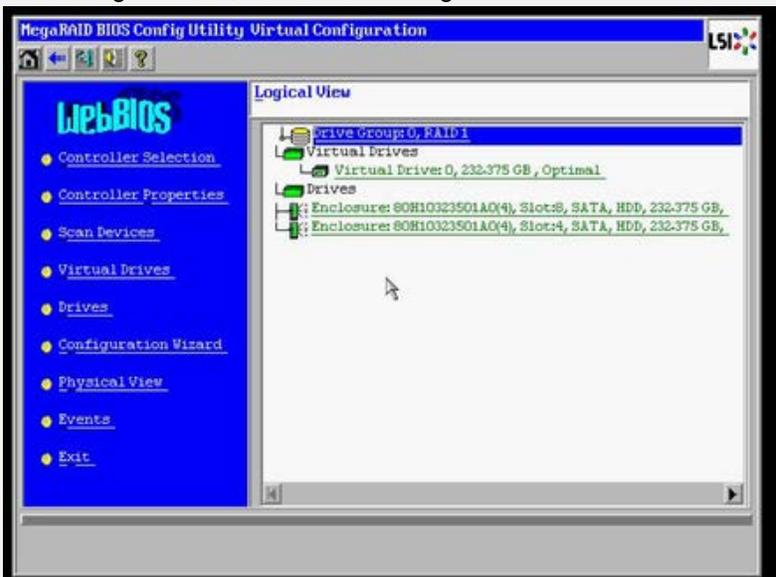
7. After clicking on the **Go** button, the rebuild process will begin. Progress can be monitored by clicking on the **PD Progress Info** button. Drive rebuilding will take approximately 1 hour to complete.



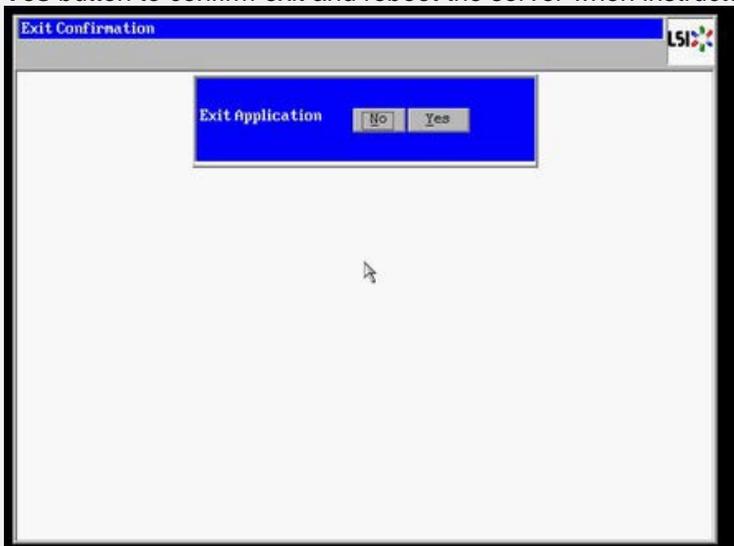
8. When the rebuild is complete both drives will be shown as **green** in the Drives window. Click on the **Home** button to return to the MegaRaid home screen.



9. Under Logical View, the RAID 1 configuration will be listed with both drives and showing **Optimal**.



10. Click on the **Exit** link from the left-hand navigation to exit the MegaRAID BIOS Configuration. Click the **Yes** button to confirm exit and reboot the server when instructed.



Configuring the server in with a degraded RAID 1 is now complete.

RM-800 SERVERS ONLY: You may have received BIOS Upgrade software for your server. Please follow the instructions for upgrading the BIOS prior to adding or replacing any hard drives in your system.

WAN-1000 SERVERS ONLY: If you received replacement operating system hard drives for the WAN-1000 server, you will need to reference the guide for replacing and configuring operating system hard drives in the WAN-1000. If you did not receive this document, please call a support representative at 800.782.7230.

NOTE: If you are replacing a hard drive, remove the original hard drive and install the new drive in accordance with the instructions in this section.

- Store the original hard drive in a safe place until you are certain that the new hard drive is properly installed and the configuration is correct.
- Once you have confirmed the installation and configuration are accurate, you should return the original hard drive to SAFARI Montage if so directed or discard or reformat the original hard drive for use outside of the SAFARI Montage system.
- Both the original hard drive and the new drive remain the property of the purchaser of those drives. Note, however, that the applicable warranty that accompanies the drives (and any corresponding extended warranty or service agreement) is voided when the drives are altered or used in any way outside of the SAFARI Montage system, including without limitation any reformatting, duplication or installation in another server.

NOTE: If this is a WAN Manager with Expansion Server environment, you will need to install and configure the new hard drive in each server in your environment. We recommend that all servers in the environment be powered down during the upgrade.

Install the hard drive and update the software, if necessary, on the WAN Manager/Expansion Controller first. The Expansion Servers should have the hard drive installed while they are powered down, as well. Once the WAN Manager/Expansion Controller is available, you can power up the Expansion Servers. If the software was updated on the Expansion Controller, it will be pushed to the Expansion Servers as they become available on the network.

Step 1: Power down the SAFARI Montage server.

Step 2: Remove bezel from the server or open the server door (T-400 / T-420A / T-440i only).

T-400 / T-420A / T-440i / T-640i:



RM-400 / RM-440i:



RM-540i:



RM-800 / RM-820 / WAN-800 / WAN-840:

The operating system hard drive is in the bottom left bay.



RM-86:

The operating system hard drive is located in the bottom left bay



WAN-1000:

The two operating system hard drives are located in the two bays in the top row.



*There are separate instructions for replacing operating system hard drives in the WAN-1000 server.

WAN-1212:

The two operating system hard drives are located in the two bays in the bottom row.



Step 3: Insert the new hard drive into an available bay.

After you remove the server's bezel or open the server's door (T-400 / T-420A / T-440i only), you will see the drive bays. Depending on the model there are four to ten bays. Also, depending on the initial configuration you may have several of the bays already filled.

Remove the hard drive tray from the empty bay that you wish to insert the new hard drive into.

Open the handle on the drive sled and slide the new hard drive into the empty bay. Close the handle on the drive sled. It will click into place.

Step 4: Power up the SAFARI Montage server.

Step 5: Replace the bezel.



IMPORTANT: Additional content drives will be recognized by the SAFARI Montage system automatically when the system is restarted.

If you received replacement operating system hard drives for server model numbers **T-400, T-420A, T-440i, RM-400, RM440i, RM-800, RM-820** or **WAN-840** the SAFARI Montage system will automatically recognize the new operating system drive and will boot to the SAFARI Montage menu. You can then continue with the instructions on page 25 “Upgrading or Replacing Operating System Hard Drive”.

WAN-1000 SERVERS ONLY: If you received replacement operating system hard drives for the WAN-1000 server, you will need to reference the guide for replacing and configuring operating system hard drives in the WAN-1000. If you did not receive this document, please call a support representative at 800.782.7230.

ACTIVATING A CONTENT PACKAGE OR ADD-ON PACKAGE

NOTE: We recommend that you allow internet access in order to activate and assign the content. You can confirm internet connectivity by using Ping tool accessed using the “Ping” tab in the Admin → Settings → Tools menu. If you are unable to connect your SAFARI Montage server to the internet, you will have to use the manual activation process. Details on this process can be found on the SAFARI Montage website at <http://www.safarimontage.com/support/support.aspx?type=manual>.

NOTE: If your server is running a version of the SAFARI Montage software that is less than version 3.3.1, you will need to contact a support representative at 800.782.7230 to request a content package activation software patch prior to activating your new content.

Step 1: Log in to your SAFARI Montage Interface as an administrator. Select “Content & Modules” from the left navigation and then choose “Activate All”.

This method of activation requires internet connectivity. For servers not connected to the internet, manual activation is available as an option. Details on this process can be found on the SAFARI Montage website at <http://www.safarimontage.com/support/support.aspx?type=manual>.

Admin • Settings • Content Packages

Content & Modules

- Activate All
- Add-On Modules
- Content Packages
- Content Update Set
- Settings
- Tools
- Reporting
- Data Recovery
- Add-On Modules
- WAN Manager

SAFARI MONTAGE

License Agreements

Please read the following License Agreement. You must accept the terms of these Agreement before continuing.

Digital Content License Agreement

[Printer Friendly](#)

LIBRARY VIDEO COMPANY DIGITAL CONTENT LICENSE AGREEMENT

Your school or school district (“Subscriber”) has purchased the SAFARI Montage video-on-demand system by Library Video Company (“LVC”). Access to and all use of the Digital Content (defined below) on the SAFARI Montage system by an Authorized Institution (defined below) and/or End User (defined below) shall be subject to the following terms and conditions (the “Agreement”):

1. **Definitions.** For purposes of this Agreement, the following definitions shall apply:

[Add School](#)

Group: View All Schools in All Groups | [New Group](#) • [Edit Groups](#)

All | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | Other

Results 1 to 1 of 1

Nemesis

[log in](#) [content packages](#) [users](#) [edit](#)

My School

Select the content packages below that you wish to assign to this school. Each assignment will use a new license unless unavailable.

[Save](#) [Cancel](#)

Content Packages

[Select All](#) [Unselect All](#) [Invert Selection](#) [Match Selection](#)

Name	Licenses	Licenses Available	Expiration Date
<input checked="" type="checkbox"/> G1129B02MN Core K-8 Content Pkg (MP4-300k)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1129B02QN Core K-8 Content Pkg (MOV)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1204B01MN Algebra ^{sc} ool Teaching System Content Pkg (MP4-300k)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1204B01QN Algebra ^{sc} ool Teaching System Content Pkg (MOV)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1225B01FN Visual Dictionary Content Pkg	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1243B02GN K-6 Supplemental Content Package (MP4-800k)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1243B02MN K-6 Supplemental Content Package (MP4-300k)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1263B01GN History Pictures Pkg	1	0	March 14, 2014
<input checked="" type="checkbox"/> G1294B01MN 9-12 Expansion Content Pkg (MP4-300k)	1	0	March 8, 2012
<input checked="" type="checkbox"/> G1294B01QN 9-12 Expansion Content Pkg (MOV)	1	0	March 8, 2012

If you are in a WAN Manager environment, assign packages to schools using the “Schools Management” page found in Admin → WAN Manager → Schools.

Admin Tools • WAN Manager™ • Schools Management

Content & Modules
 Settings
 Tools
 Reporting
 Data Recovery
 Add-On Modules
 WAN Manager
 Content Pending Approval
 Playlists Pending Approval
 Remote School Servers
Schools
 Transfer Queue
 WAN Settings
 Pathways SM
 Selective Video Streaming
 CreationStation™

[Add School](#)

Group: View All Schools in All Groups [New Group](#) • [Edit Groups](#)

Results 1 to 4 of 4

Name	Assignments
Ardmore Middle School log in	7 edit • assignments • LDAP • users • delete
Hornet School log in	11 edit • assignments • LDAP • users • delete

Hornet School

Select the content packages below that you wish to assign to this school. Each assignment will use a new license unless unavailable.

Content Packages

Name	Licenses	Licenses Available	Expiration Date
<input checked="" type="checkbox"/> G1113B01WN Additional Schlessinger Media K-8 Content Pkg (WMV)	10	54 old	April 12, 2012
<input checked="" type="checkbox"/> G1117B01WN Additional Schlessinger Media K-8 Content Pkg Upgrade (WMV)	10	57 old	April 12, 2012
<input checked="" type="checkbox"/> G1125B01WN Core K-12 Content Pkg (WMV)	10	89 old	April 12, 2012
<input checked="" type="checkbox"/> G1129B01QN Core K-8 Content Pkg (MOV)	10	7 new • 2 old	April 12, 2012
<input checked="" type="checkbox"/> G1129B01WN Core K-8 Content Pkg (WMV)	10	6 new • 2 old	February 22, 2012
<input checked="" type="checkbox"/> G1137B01WN Middle School/Junior High School Supplemental Content Pkg (WMV)	10	7 new • 1 old	April 12, 2012
<input checked="" type="checkbox"/> G9873B01WN Almanac Newsreel Content Pkg (WMV)	10	8	April 12, 2012
<input checked="" type="checkbox"/> SAFARI Montage CreationStation	10	6 new • 2 old	
<input checked="" type="checkbox"/> SAFARI Montage Face-To-Face™	10	8	
<input checked="" type="checkbox"/> SAFARI Montage Local Document Camera & DVD Support	10	9	
<input checked="" type="checkbox"/> SAFARI Montage Pathways SM	10	9	
<input checked="" type="checkbox"/> SAFARI Montage Selective Video Streaming	10	2 new • 5 old	

ADDING A NEW CONTENT DRIVE OR CREATIONSTATION DRIVE TO SAFARI MONTAGE

PART 1: INSTALLING THE HARD DRIVE

Step 1: Install the hard drive as shown on page 5 “Installing a Hard Drive”.

NOTE: If you are installing more than one hard drive, install them all as shown on Page 5 “Installing a Hard Drive”.

NOTE: Content packages that are being replaced or upgraded should be unassigned from schools and deactivated **prior** to the removal of the hard drive that contains those packages.

Hornet School

Select the content packages below that you wish to assign to this school. Each assignment will use a new license unless unavailable.

Content Packages

Name	Licenses	Licenses Available	Expiration Date
<input checked="" type="checkbox"/> G1113B01WN Additional Schlessinger Media K-8 Content Pkg (WMV)	10	54 old	April 12, 2012
<input checked="" type="checkbox"/> G1117B01WN Additional Schlessinger Media K-8 Content Pkg Upgrade (WMV)	10	57 old	April 12, 2012
<input checked="" type="checkbox"/> G1125B01WN Core K-12 Content Pkg (WMV)	10	89 old	April 12, 2012
<input checked="" type="checkbox"/> G1129B01QN Core K-8 Content Pkg (MOV)	10	7 new • 2 old	April 12, 2012
<input checked="" type="checkbox"/> G1129B01WN Core K-8 Content Pkg (WMV)	10	6 new • 2 old	February 22, 2012
<input checked="" type="checkbox"/> G1137B01WN Middle School/Junior High School Supplemental Content Pkg (WMV)	10	7 new • 1 old	April 12, 2012
<input checked="" type="checkbox"/> G9873B01WN Almanac Newsreel Content Pkg (WMV)	10	8	April 12, 2012
<input checked="" type="checkbox"/> SAFARI Montage CreationStation	10	6 new • 2 old	
<input checked="" type="checkbox"/> SAFARI Montage Face-To-Face™	10	8	
<input checked="" type="checkbox"/> SAFARI Montage Local Document Camera & DVD Support	10	9	
<input checked="" type="checkbox"/> SAFARI Montage Pathways SM	10	9	
<input checked="" type="checkbox"/> SAFARI Montage Selective Video Streaming	10	2 new • 5 old	

PART 2: CONFIRMING THE NEW CONTENT DRIVE OR CREATIONSTATION DRIVE INSTALLATION

Step 1: Access the Advanced Menu from the SAFARI Montage Console Menu.

Enter “3” at the prompt and press “Enter”.

```
SAFARI Montage
Host (FQDN).....: safarimontage.k12.st
Serial Number...: 005136
Version.....: 005.000.029 (110420150548)
IPv4 Address....: 172.20.50.209 (re0) [00:27:0e:08:bc:86]
-----
 1 : Network Settings...
 2 : UPS Monitor...
 3 : Advanced...

 5 : Update SAFARI Software...
 6 : Eject Removable Media
-----
Enter your selection and press Enter: 3
```

Step 2: Access the System Information Menu from the SAFARI Montage Advanced Console Menu.

Enter “1” at the prompt and press “Enter”.

```
SAFARI Montage..: Advanced
Host (FQDN).....: safarimontage.k12.st
Serial Number...: 005136
Version.....: 005.000.029 (110420150548)
IPv4 Address....: 172.20.50.209 (re0) [00:27:0e:08:bc:86]
-----
 1 : System Information...
 2 : Database Maintenance...
 3 : Hard Drive Maintenance...
 4 : Time Zone
 5 : Date/Time
 6 : Reboot
 7 : Shutdown

 9 : Tech Support Remote Access...

 0 : Return
-----
Enter your selection and press Enter: 1
```

Step 3: Access the Available Packages list from the SAFARI Montage System Information Console Menu.

Enter "1" at the prompt and press "Enter".

```
SAFARI Montage..: System Information
Host (FQDN).....: safarimontage.k12.st
Serial Number...: 005136
Version.....: 005.000.029 (110420150548)
IPv4 Address....: 172.20.50.209 (re0) [00:27:0e:08:bc:86]
-----
 1 : Available Packages (q to stop)
 2 : Physical Disks (q to stop)
 3 : Running Processes (q to stop)
 4 : System Status (:q to stop)
 5 : NIC Bandwidth (:q to stop)
 6 : TCP Statistics (:q to stop)
 7 : Disk Statistics (:q to stop)

 0 : Return
-----
Enter your selection and press Enter: [ ]
```

Step 4: Confirm that the new content package or CreationStation is listed.

```
ad4.bde : CVQ020
-----
G1113B01MN Additional Schlessinger Media K-8 Content Pkg (MP4_300k-186)
G1117B01MN Additional Schlessinger Media K-8 Content Pkg Upgrade (MP4_300k-188)
G1121B01MN Additional Schlessinger Media 9-12 Content Pkg (MP4_300k-187)
G1125B01MN Core K-12 Content Pkg (MP4_300k-192)
G1129B01MN Core K-8 Content Pkg (MP4_300k-189)
G1133B01MN Core 9-12 Content Pkg (MP4_300k-191)
G1137B01MN Middle School/Junior High School Supplemental Content Pkg (MP4_300k-193)
G1145B01MN Core K-8 w/o Schlessinger Media Content Pkg (MP4_300k-194)
G1149B01MN Core 9-12 w/o Schlessinger Media Content Pkg (MP4_300k-195)
G1153B01MN Additional Schlessinger Media K-8 Content Pkg - Rev. A (MP4_300k-190)
G1170B01MN Schlessinger Media K-8 Content Pkg (MP4_300k-196)
G1174B01MN Schlessinger Media 9-12 Content Pkg (MP4_300k-197)
G1204B01MN Algebra's'cool Teaching System Content Pkg (MP4_300k-199)
G1208B01MN Math's'cool Teaching System Content Pkg (MP4_300k-200)
G1224B01MN National Underground Railroad Freedom Center Pkg (MP4_300k-201)
G9791B01MN Video Encyclopedia of the 20th Century Content Pkg (MP4_300k-184)
G9873B01MN Almanac Newsreel Content Pkg (MP4_300k-185)
G9981B01MN Reading Rainbow Content Pkg (MP4_300k-183)
G1226B01DN Paintings by the Masters Image Pkg (IMG-208)
G1243B01MN K-6 Supplemental Content Pkg (MP4_300k-250)
G1294B01MN 9-12 Expansion Content Pkg (2009) (MP4_300k-262)
G1298B01MN 9-12 Super Core Content Pkg (MP4_300k-268)
G1304B01MN K8UG (MP4_300k-265)
G1129B02MN Core K-8 Content Pkg (2010) (MP4_300k-277)
G1306B01MN Eyes on the Prize Content Pkg (MP4_300k-274)
G1307B01MN UGS8 (MP4_300k-271)
G1125B02MN Core K-12 Content Pkg (2010) (MP4_300k-285)
G1311B01MN K-12 Super Core Content Pkg (MP4_300k-288)
G1310B01MN SUGS7 (MP4_300k-296)
G1308B01MN K8UG6 (MP4_300k-293)
: [ ]
```

NOTE: If this is a WAN Manager Expansion Controller, you can move on to Part 3: Upgrading the SAFARI Montage Software, if necessary. While the Expansion Controller is updating, you can install the new hard drives in the Expansion Servers (see Page 5). Leave the Expansion Servers powered down and offline until the Expansion Controller has completed the software update.

PART 3: UPGRADING THE SAFARI MONTAGE SOFTWARE

If you received a software upgrade to your SAFARI Montage system, please follow the instructions for running the software upgrade once your hard drive has been installed.

Instructions for installing the software upgrade can be found at <http://www.safarimontage.com/support>.

NOTE: If this is a WAN Manager with Expansion Server environment, wait until the Expansion Controller reports that all the servers have been updated to the new version. When the software is updated on the Expansion Controller, it is pushed to the Expansion Servers as they become available on the network.

The screenshot displays the SAFARI MONTAGE Admin interface. The top navigation bar includes 'Dashboard', 'Search', 'Subjects', 'Standards', 'Playlists', 'Modules', 'Preferences', 'Admin', and 'Help'. The main content area is divided into two sections. The upper section, titled 'SAFARI Montage Help', shows system information: 'Serial Number: 002110', 'Version: 4.5.1', and 'Build Number: 110401141553'. An orange arrow points to the version number. The lower section, titled 'Expansion Servers', shows a table of server status. An orange arrow points to the 'Version' column. The table has the following data:

Active	Streamer	Version	Serial	IP	Host	% Synchronized	Status	Usage
✓	✓	5.0.30	02457	172.20.50.202	claymore.wyn.lvc.com	---	---	50.00%
✓	✓	5.0.30	001590	172.20.50.183	gladius.wyn.lvc.com	~100%	1 min 12 secs	50.00% clear

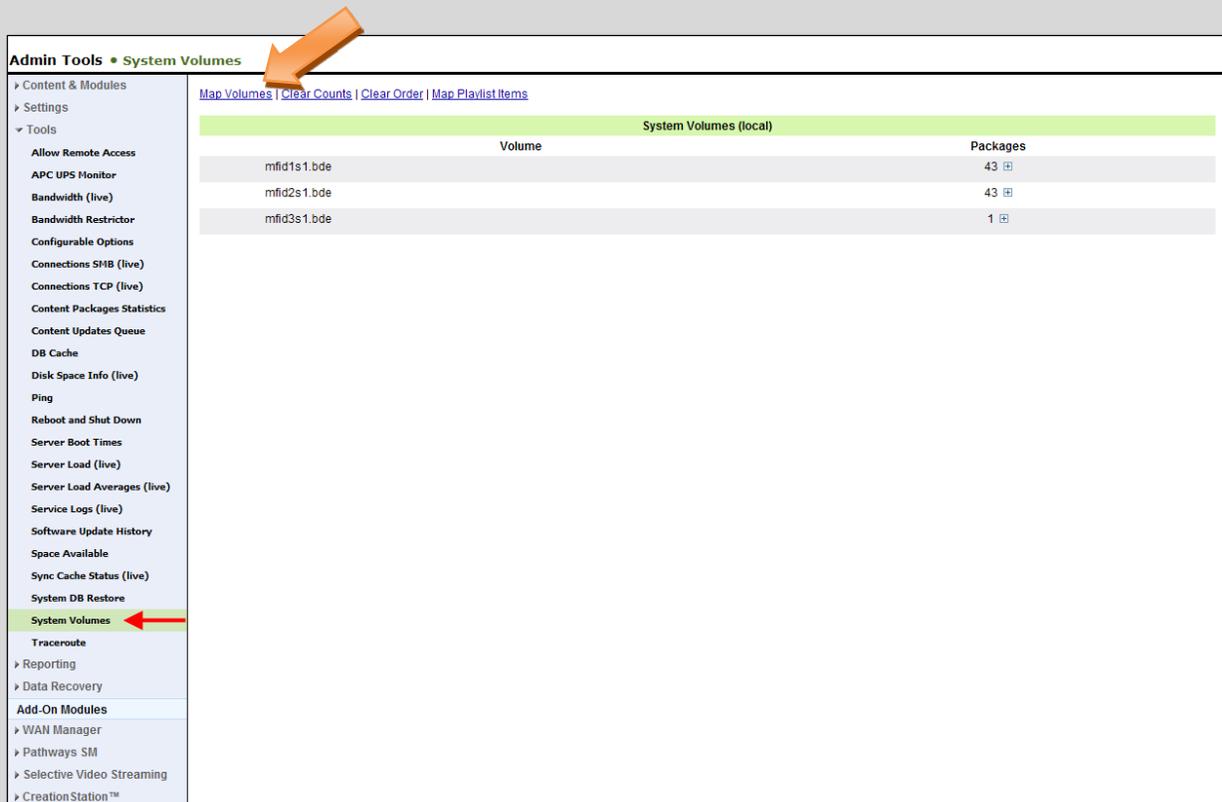
NOTE: If this is a WAN Manager Parent Server with WAN Manager Child Servers in the environment, the updates can be manually pushed to the children using the “Remote Update” features found in Admin → WAN Manager → Child Servers. You can choose “Remote update all servers” or check the “Remote Update” checkbox for each individual WAN Manager Child Server for more granular control over how the update is distributed.

PART 4: ACTIVATING THE NEW CONTENT PACKAGE OR CREATIONSTATION ADD-ON PACKAGE

NOTE: If this is a WAN Manager with Expansion Server environment, you must synchronize the new packages on the Expansion Servers with the Expansion Controller as follows:

Step 1: Access SAFARI Montage in a web browser and log in.

Step 2: Click on the “Map Volumes” link on the “System Volumes” page in the Admin → Tools menu.



Admin Tools • System Volumes

[Map Volumes](#) | [Clear Counts](#) | [Clear Order](#) | [Map Playlist Items](#)

System Volumes (local)	
Volume	Packages
mfid1s1.bde	43
mfid2s1.bde	43
mfid3s1.bde	1

This will trigger a process that loads data for the new packages into the system database.

The process is complete when you see the word “Complete” at the bottom of the “Volumes Map Log” that is displayed on the screen.

```
UPDATE videos SET volume='DL208:1' WHERE location=
Pre-Loaded Content
INSERT INTO volumes (volume, itemorder, id, storage
UPDATE videos SET volume='DL207:1' WHERE location=
Complete
```

Step 3: Expand the Content Packages list under each Volume to confirm that the new packages are available for activation.

Admin Tools • System Volumes

[Map Volumes](#) | [Clear Counts](#) | [Clear Order](#) | [Map Playlist Items](#)

System Volumes (local)	
Volume	Packages
mfid1s1.bde	43
mfid2s1.bde	43

Package Name	ID	storage	count	order
G9981B01QN Reading Rainbow Content Pkg (MOV-84)	DL084:1		0	0
G9791B01QN Video Encyclopedia of the 20th Century Content Pkg (MOV-85)	DL085:1		0	0
G9873B01QN Almanac Newsreel Content Pkg (MOV-88)	DL088:1		0	0
G1183B01DN World Factbook Content Pkg (IMG-92)	DL092:1		0	0
G1113B01QN Additional Schlessinger K-8 Content Pkg (MOV-94)	DL094:1		0	0
G1121B01QN Additional Schlessinger Media 9-12 Content Pkg (MOV-96)	DL096:1		0	0
G1117B01QN Additional Schlessinger Media K-8 Content Pkg Upgrade (MOV-98)	DL098:1		0	0
G1129B01QN Core K-8 Content Pkg (MOV-152)	DL152:1	60	0	0
G1153B01QN Additional Schlessinger Media K-8 Content Pkg - Rev. A (MOV-154)	DL154:1		0	0
G1133B01QN Core 9-12 Content Pkg (MOV-156)	DL156:1		0	0
G1125B01QN Core K-12 Content Pkg (MOV-158)	DL158:1		0	0
G1137B01QN Middle School/Junior High School Supplemental Content Pkg (MOV-160)	DL160:1		0	0
G1145B01QN Core K-8 w/o Schlessinger Media Content Pkg (MOV-162)	DL162:1		0	0
G1149B01QN Core 9-12 w/o Schlessinger Media Content Pkg (MOV-164)	DL164:1		0	0
G1170B01QN Schlessinger Media K-8 Content Pkg (MOV-166)	DL166:1		0	0
G1174B01QN Schlessinger Media 9-12 Content Pkg (MOV-168)	DL168:1		0	0
G1192B01DN Schlessinger Media Image Library Content Pkg (IMG-171)	DL171:1		0	0
G1204B01QN Algebra'scool Teaching System Content Pkg (MOV-173)	DL173:1		0	0
G1208B01QN Math'scool Teaching System Content Pkg (MOV-175)	DL175:1		0	0
G1224B01QN National Underground Railroad Freedom Center Pkg (MOV-182)	DL182:1		0	0
G1214B01DN Images from NASA Pkg (IMG-207)	DL207:1		0	0
G1226B01DN Paintings by the Masters Image Pkg (IMG-208)	DL208:1		0	0
G1225B01FN The Visual Dictionary Interactive Image Pkg (VIS-215)	DL215:1		0	0
G1243B01QN K-6 Supplemental Content Pkg (MOV-235)	DL235:1		0	0
G1263B01GN History Pictures Pkg (GEN-236)	DL236:1		0	0
G1294B01QN 9-12 Expansion Content Pkg (2009) (MOV-261)	DL261:1		0	0
G1304B01QN K8UG (MOV-264)	DL264:1		0	0
G1298B01QN 9-12 Super Core Content Pkg (MOV-267)	DL267:1		0	0
G1307B01QN UGS8 (MOV-270)	DL270:1		0	0
G1306B01QN Eyes on the Prize Content Pkg (MOV-273)	DL273:1		0	0
G1129B02QN Core K-8 Content Pkg (2010) (MOV-276)	DL276:1		0	0
G1302B01GN Career Clips Content Pkg (MPG-278)	DL278:1		0	0
G1301B01QN UGS7 (MOV-280)	DL280:1		0	0

Follow the instructions found on page 14 “Activating a Content Package or Add-On Package”.

NOTE: If this is a WAN Manager with Expansion Server environment, check the “Expansion Servers” page found in Admin → Expansion Server → Expansion Servers to note when the servers have reached 100% Synchronization.

The screenshot shows the Safari Montage Admin interface for Claymore School. The user is logged in as Admin Administrator. The navigation menu includes Dashboard, Search, Subjects, Standards, Playlists, Modules, Preferences, Admin, and Help. The left sidebar shows a tree view with categories like Content & Modules, Data Recovery, Reporting, Settings, Tools, Add-On Modules, Curriculum Developer, Creation Station™, Expansion Server, and WAN Manager. The main content area is titled "Expansion Servers" and includes a "Reset Usage" link, a checked checkbox for "Auto-Disable Expansion Servers", and an unchecked checkbox for "Force IP address when communicating". Below this is a table showing synchronization progress for two servers.

Active	Streamer	Version	Serial Number	IP	Host	% Synchronized	Status	Usage
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5.0.30	002457	172.20.50.202	claymore.wyn.lvc.com	---	---	50.00%
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	5.0.30	001590	172.20.50.183	gladius.wyn.lvc.com	~100%	1 min 12 secs	50.00% clear

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RESTORING BACKUP TO A DIFFERENT SAFARI MONTAGE SERVER (DRIVE SWAP)

The following sections explain how to transition to a different or new SAFARI Montage server.

PART 1: UPGRADING THE SAFARI MONTAGE SOFTWARE

If you received a software upgrade to your SAFARI Montage system, please follow the instructions for installing the software upgrade prior to performing the backup. Instructions for installing the software upgrade can be found at <http://www.safarimontage.com/support>.

PART 2: BACKING UP DATA AND MEDIA

Before you integrate a new server into your network, you must first perform a backup of all the files that are unique to your existing system, including playlists and user information. These can be found on page 3 “Backing Up Data and Media”.

PART 3: INSTALLING THE SAFARI MONTAGE SERVER

Install the new server by following the instructions found in the Installation Guide that is included with your new server.

PART 4: ACTIVATING CONTENT PACKAGES AND ADD-ONS

If your content packages and add-ons have not been pre-activated, you will need to activate your content packages and add-ons. Follow the instructions found on page 14 “Activating a Content Package or Add-On Package”.

PART 5: RESTORING DATA AND MEDIA FROM BACKUP

Instructions for SAFARI Montage Data Recovery can be found in the Help section under “Backup and Data Recovery Guide” in the “Administrator Guide”.

Once the data has been restored, there may be some custom settings that need to be reset and some custom files that need to be re-uploaded. These include:

- LDAP Configuration
- Time Server settings
- CreationStation Logo
- Personalized Login Screen images

If you find that you need to access data located on the previous SAFARI Montage server, you can bring the new server down and temporarily bring the previous server back on the network so you can save that data. Once you have the data you need, power down and disconnect the previous server from the network and reconnect the new server.

If you are upgrading your SAFARI Montage system, you may have received upgraded content packages. After the restore, you may notice blank lines on the “Schools Management” page. You should un-assign these packages from your school and assign the new packages if necessary.

Admin Tools • WAN Manager™ • Schools Management

Settings

- Activate All Content & Add-ons
- Content Packages
- LDAP
- Login Screen
- Network
- School
- SSL
- System
- Time
- Users

Tools

- Reporting
- Data Recovery

Add-Ons

- Configure
- CreationStation™

Results 1 to 1 of 1

Name	Serial #	Log In Users	Delete
SAFARI Montage Server			
Local content package assignments: 4			
G1183B01DN World Factbook Content Pkg (IMG)	002467	Log In Users	
SAFARI Montage CreationStation			
G1129B01QN Core K-8 Content Pkg (MOV)		Expires: December 12, 2011	

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PART 6: MAPPING PLAYLIST ITEMS

Existing playlists will need to be mapped to the new content packages. Click on the “Map Playlist Items” link in the Tools menu found in Admin → Tools → System Volumes.

[Map Volumes](#) | [Clear Counts](#) | [Clear Order](#) | [Map Playlist Items](#)

System Volumes (local)

Volume	Packages
mfd1s1.bde	43
mfd2s1.bde	43
mfd3s1.bde	1

PART 7: TEST THE SYSTEM

Once all the steps have been completed, test your new server to confirm that users can play media and all restored data is in place. If your new server is not functioning properly, please review this documentation and also see the “Troubleshooting” section on page 27.

UPGRADING OR REPLACING OPERATING SYSTEM HARD DRIVE

The following sections explain how to upgrade or replace the operating system for your SAFARI Montage server.

PART 1: UPGRADING THE SAFARI MONTAGE SOFTWARE

If you received a software upgrade to your SAFARI Montage system, please follow the instructions for installing the software upgrade prior to performing the backup. Instructions for installing the software upgrade can be found at <http://www.safarimontage.com/support>.

PART 2: BACKING UP DATA AND MEDIA

Before you integrate a new server into your network, you must first perform a backup of all the files that are unique to your existing system, including playlists and user information. These can be found on page 3 “Backing Up Data and Media”.

PART 3: INSTALLING OPERATING SYSTEM HARD DRIVE

Install the operating system hard drive as shown on page 5 “Installing a Hard Drive”. If this is a WAN-1000 server, you may need to replace two hard drives. There are separate instructions for replacing operating system hard drives in the WAN-1000 server.

PART 4: ACTIVATING CONTENT PACKAGES AND ADD-ONS

If your content packages and add-ons have not been pre-activated, you will need to activate your content packages and add-ons. Follow the instructions found on page 14 “Activating a Content Package or Add-On Package”.

PART 5: RESTORING DATA AND MEDIA FROM BACKUP

Instructions for SAFARI Montage Data Recovery can be found in the Help section under “Backup and Data Recovery Guide” in the “Administrator Guide”.

Once the data has been restored, there may be some custom settings that need to be reset and some custom files that need to be re-uploaded. These include:

- LDAP Configuration
- Time Server settings
- CreationStation Logo
- Personalized Login Screen images

If you are also adding or changing the content hard drives in your SAFARI Montage system, you may have received upgraded content packages. After the restore, you may notice blank lines on the “Schools Management” page. You should un-assign these packages from your school and assign the new packages if necessary.

SAFARI MONTAGE | Default Administrator | [log out](#) | [Search](#)

Dashboard | Search | Subjects | Standards | Playlists | Add-Ons | Preferences | Admin | Help

Admin Tools • WAN Manager™ • Schools Management

Settings

- Activate All Content & Add-ons
- Content Packages
- LDAP
- Login Screen
- Network
- School
- SSL
- System
- Time
- Users

Tools

- Reporting
- Data Recovery

Add-Ons

Configure

CreationStation™

Results 1 to 1 of 1

Name	Serial #	Log In Users	Delete
SAFARI Montage Server	002467	Log In	Users
Local content package assignments: 4			
G1183B01DN World Factbook Content Pkg (IMG)			S
SAFARI Montage CreationStation			S
G1129B01QN Core K-8 Content Pkg (MOV)	Expires: December 12, 2011		S

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PART 6: MAPPING PLAYLIST ITEMS

Existing playlists will need to be mapped to the new content packages. Click on the “Map Playlist Items” link in the Tools menu found in Admin → Tools → System Volumes.

[Map Volumes](#) | [Clear Counts](#) | [Clear Order](#) | [Map Playlist Items](#)

System Volumes (local)

Volume	Packages
mfd1s1.bde	43 +
mfd2s1.bde	43 +
mfd3s1.bde	1 +

PART 7: TEST THE SYSTEM

Once all the steps have been completed, test your new server to confirm that users can play media and all restored data is in place. If your new server is not functioning properly, please review this documentation and also see the “Troubleshooting” section on page 27.

TROUBLESHOOTING

If you are having difficulties with the installation, there are some things you can do before calling for technical support. These include:

- Power down and confirm that the hard drive is seated properly.
- Review the documentation and confirm that you have completed all the necessary steps.

If you have difficulties with installation and you need further information, please call a support representative at 800.782.7230. When calling, please have your server's serial number available. Your serial number can be found in the Help → About section of the SAFARI Montage application and on the outside of your server.