How to Update LSI MegaRAID Firmware and Drivers

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LSI MegaRAID is produced by Avago Technologies. Firmware and Drivers for your respective operating system can be obtained from their web site http://www.avagotech.com/support/download-search.

To update the firmware you will need to log into the MegaRAID Storage Manager. Find the desktop icon or short cut inside the Start menu. Log in with the credentials below:

Windows: admin/admin256 Ubuntu/Linux: root/exacqvisionip

In the MegaRAID Storage Manager software the model of your RAID card can be found on the Controller tab of the Dashboard.

Controller0: LSI MegaRAID SAS 9271-8i(Bus 1,Dev 0,Domain 0)

Both firmware and driver downloads are in .ZIP files. Unzip these files. There will be many files inside the unzipped folder.

To update the firmware, use the "Update firmware" link on the MegaRAID dashboard.



exacqVision Support

Portal

Dashboard Physical Logical							
Controller0: LSI MegaRAID SAS 9271-8i(Bus 1,Dev 0,Domain 0)							
Properties			Usage		Background Operations		
🚸 Status:	📀 Optimal						
Enclosures:	1				Virtual drive operations in progress: 0		
Backplanes:	0			otal capacity: 5.464 TB			
Orives:	14			Configured Capacity:	Drive operations in progress: 0		
Drive groups	5: 1			Unconfigured Capacity:	Unite operations in progress. 0		
间 Virtual Drive	(s): 1			0 Bytes			
View server p	rofile				More details		
MegaRAID Advanced Sortware Options Actions			Actions		heip		
MegakAtD Fast	Path	Enabled	Create virtual drive		How to use MSM?		
MegaRAID RAID6 Enabled		Enabled	Create CacheCade™ - SSD Caching		How to create virtual drive?		
MegaRAID RAIDS Enabled				March and March MD Advanced Collinson Collinson			
MegaRAID CacheVault Enabled		and component.		How to enable negativition advanced sortware options?			
Manage MegaRAID Advanced Software Options Update firmware Choice alarm					Gossary		
ID	Error Level	Date / Time		Description			
157	[Information, 0]	2016-10-10, 03:19:44		Controller ID: 0 Battery n	Controller ID: 0 Battery relearn wil start in 4 days		
35	[Information, 0] 2016-10-07, 20:24:37		Controller ID: 0 Patrol Re	Controller ID: 0 Patrol Read complete			
331	[Information, 0]	2016-10-07, 16:53	3:27	Controller ID: 0 Power st	ate change on PD = Port 0 - 3:1:13 Previous = On Current = Powersave		
58	[Information, 0]	2016-10-07, 14:55	5:36	Controller ID: 0 Consister	icy Check done on VD: 0		
331	[Information, 0]	2016-10-07, 10:06	5:56	Controller ID: 0 Power st	ate change on PD = Port 0 - 3:1:13 Previous = Transition Current = On		
331	[Information, 0]	2016-10-07, 10:06	5:46	Controller ID: 0 Power st	ate change on PD = Port 0 - 3:1:13 Previous = Powersave Current = Transition		

Use the Browse button in the window that appears to locate your unzipped folder and select the file beginning with "mr" and ending with "fw.rom" as in this example.

mr2208fw.rom

Select the OK button and then check mark the Confirm box and click OK again. If prompted for an "online update" check Confirm once more and select OK. This means the firmware is able to update without stopping the RAID services or rebooting. The firmware update is complete.

Driver updates should only be attempted on Windows machines. Open Device Manager and locate the Storage Controller. Right-click and select "Update driver software...".

Storage controllers
Fintel Chipset SATA RAID Controller

Choose to "Browse my computer for driver software". Make sure the "Include subfolders" box is checked. Click Browse and navigate to your unzipped driver folder. You do not need to determine which file you need. Simply select the parent folder and click Next to let Windows find the right driver.

After the driver has updated, you will need to reboot the machine for this to take effect.

