

*****FCA2214 driver update for MSA1000 Release Notes*****

- Before using the MSA1000 in a Linux operating system environment, the host profile must be configured on the MSA1000. The host profile can be set using the MSA Command Line Interface (CLI) or by using the Selective Storage Presentation option in the Array Configuration Utility. Please refer to your MSA1000 user guide for more information on setting the MSA host profile.
- The following kernels are supported with this driver release
 - Red Hat Advanced Server 2.1
 - 2.4.9-e.3smp & 2.4.9-e.12smp
 - SuSE SLES 7
 - 2.4.7-64GB-smp & 2.4.18-64GB-smp
 - Red Hat Professional 7.2
 - 2.4.7-10smp & 2.4.9-34smp
- The following RPM installers should be used to land the updated FCA2214 HBA drivers prior to installing Secure Path software. The RPM installer should be installed BEFORE physically attaching the MSA1000 to the server

Red Hat Professional 7.2: qla2x00-6.0.4-7.Redhat-7-2.i386.rpm

Red Hat Advanced Server 2.1: qla2x00-6.0.4-9.Redhat-AS-2-1.i386.rpm

SuSE SLES7: qla2x00-6.0.4-6.SuSE-SLES-7.i386.rpm

The 6.04.00 (qla2x00-v6.04.00-dist.tgz) driver source is also provided for those customers who wish to compile their own driver.

- Prior to running the RPM installer in a Red Hat Linux environment, a .config file must be created:
 - For new server builds—change to the /usr/src/linux directory and run the command 'make oldconfig'
 - For existing server builds or upgrades—change to the /usr/src/linux directory and run the command 'make mrproper' then run the command 'make oldconfig'
- If your MSA1000 contains the redundant array controller option, a path failover and fail back will occur each time the qla2300 driver is loaded. The 'ping-pong' of the array controllers is caused by the driver storage discovery process and is generally only noticed when a server reboot occurs. Other servers attached to the MSA1000 will not be adversely affected as long as they are running Secure Path software. To minimize performance hits due to the 'ping-pong' process, avoid rebooting multiple servers at the same time.
- Insight Manager storage agents version 6.30 or earlier is not supported on Red Hat Professional 7.2, Red Hat Advanced Server 2.1, or SLES 7 with this driver release. Use of this storage agent could cause the server to become unstable. Hp does not

recommend using the Insight Manager storage agents for Linux with this Qlogic driver until further notice. Visit <http://www.hp.com/go/msa1000> for further updates on using storage agents for Linux with the MSA1000

- When adding additional LUNS to any of the existing Linux installations that have Secure Path software installed, a server reboot is necessary to correctly address the new storage and have Secure Path protection applied to them
- Online Array configuration utility version 6.31.x and newer is required for use in a Red Hat professional 7.2 environment.