Readme File

SNIA SMI-S API for Linux Platforms

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1. OS Support

QLogic offers its HBA CIM Provider software, v1.10.01, in platform-specific packages for the Linux operating systems identfied in the following table.

Linux Platform	QLogic HBA CIM Provider Package
Red Hat Enterprise Linux 3 (IEM64T/AMD64)	QLogicHBACIMProvider-RHEL3x86_64-1.10.01-rel.x86_64.rpm
Red Hat Enterprise Linux 3 (x86)	QLogicHBACIMProvider-RHEL3x86-1.10.01-rel.i386.rpm
Red Hat Enterprise Linux 4 (IA64)	QLogicHBACIMProvider-RHEL4U2ia64-1.10.01-rel.ia64.rpm
Red Hat Enterprise Linux 4 (IEM64T/AMD64)	QLogicHBACIMProvider-RHEL4U2x86_64-1.10.01-rel.x86_64.rpm
Red Hat Enterprise Linux 4 (x86)	QLogicHBACIMProvider-RHEL4U2x86-1.10.01-rel.i386.rpm
SUSE Linux Enterprise 8 (x86)	QLogicHBACIMProvider-SLES8x86-1.10.01-rel.i386.rpm
SUSE Linux Enterprise 9 (IEM64T/AMD64)	QLogicHBACIMProvider-SLES9x86_64-1.10.01-rel.x86_64.rpm
SUSE Linux Enterprise 9 (x86)	QLogicHBACIMProvider-SLES9x86-1.10.01-rel.i386.rpm

The QLogic HBA SMI-S provider supports the following SMI-S profiles:

- FC HBA Profile
- FC Initiator Ports subprofile
- Server Profile
- Host Discovered Resources Profile

Support for Host Discovered Resources profile is disabled by default. To enable support for Host Discovered Resources profile, open the `/etc/localqlogichbasmis.properties` file and set the following entry to `1`:
`HostDiscoveredResources=1`

Make sure the above entry is terminated by a newline.

The provider passes all tests for the FC HBA profile & FC Initiator Ports subprofile and all the Instance and Association tests for the Server profile with ICTP 1.1.0.83.

2. Installing the rpm Package

1. Install the rpm package as:
   `#rpm -iv QLogicHBACIMProvider-<LinuxOS>-1.10.01-rel.<Platform>.rpm`
   where
   <*LinuxOS*> identifies the Linux platform (RHEL3x86_64, RHEL3x86, RHEL4U2ia64, RHEL4U2x86_64, RHEL4U2x86, SLES8x86, SLES9x86_64, or SLES9x86)
   <*Platform*> is the hardware platform (x86_64, i386, ia64, or x86_64)
2. Execute pegsetup located at `/opt/QLogic_Corporation/pegasus-2.5.1-qlogic-<Platform>` as:
   `#cd /opt/QLogic_Corporation/pegasus-2.5.1-qlogic-<Platform>`
   `#. ./pegsetup`
3. Start the cimserver as:
   `#cimserver`

3. Removing the rpm Package

1. Stop the cimserver if it is running:
   `#cd /opt/QLogic_Corporation/pegasus-2.5.1-qlogic-<Platform>`
   `#. ./pegsetup`
   `#cimserver -s`
2. Uninstall the rpm package as:
   `#rpm -ev QLogicHBACIMProvider-<Platform>_64-1.10.01-rel`

4. Contacting Support

Please feel free to contact your QLogic approved reseller or QLogic Technical Support at any phase of integration for assistance. QLogic Technical Support can be reached by the following methods:

Web: http://support.qlogic.com

North America Contact Information
Email: support@qlogic.com
Phone: (952) 932-4040

Support contact information for other regions of the world is available at the QLogic website:
http://support.qlogic.com

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