Overview

Management tools make all the difference between a difficult-to-use or easy-to-configure product in the enterprise data center, and QLogic provides a full suite of tools for storage and networking I/O manageability. Deploy Fibre Channel, Converged Networking, Intelligent Ethernet, FabricCache™, or virtualized I/O solutions using QConvergeConsole® (QCC). The comprehensive graphical and command line user interfaces centralize I/O management of multiple generations of QLogic storage and network adapters across operating systems and protocols.

QConvergeConsole management suite includes a browser-based graphical user interface (GUI), a lightweight command line interface (CLI), and an integrated VMware® vCenter™ Plug-in (VCPI) to provide single-pane-of-glass management. Leverage QCC’s rich feature set to query and modify driver parameters, monitor statistics, run diagnostics, troubleshoot, administer updates, provision bandwidth, change I/O personality, and assign access control. QCC is designed to streamline the management of storage and networking I/O operations.
Utilities Pre-Boot Post-Boot

**SuperInstaller:** A comprehensive package installation tool that streamlines the installation of management components and drivers in a few simple steps. Supported on Windows® and Linux® platforms, SuperInstaller provides an interactive menu-driven mode or a scriptable silent option.

**Efiutil and FastUTIL:** Efiutil is an extensible firmware interface (EFI)/unified extensible firmware interface (UEFI) application that runs from the UEFI shell to access and modify the nonvolatile memory of the QLogic adapters in batch or CLI modes. FastUTIL allows the customization of general and advanced settings. FastUTIL manages boot devices and driver parameters by optimizing low-level settings to fine-tune the adapter.

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<tr>
<th>QCC Features</th>
<th>GUI</th>
<th>CLI</th>
<th>VCPI</th>
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<td><strong>Centralized Management:</strong> Discover, configure, monitor, update firmware, diagnose, provision, and control access across multiple generations of adapters, operating systems, and protocols.</td>
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<td><strong>Personality Management:</strong> Configure flexible I/O personality at the adapter level and at the port function level.</td>
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<td><strong>I/O Virtualization:</strong> Manage I/O virtualization with NIC partitioning (NPAR) and virtual Fibre Channel I/O port with N_Port ID Virtualization (NPIV).</td>
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<td><strong>I/O Provisioning:</strong> Dynamically manage efficient I/O bandwidth usage and scaling with NPAR and streamline quality of service (QoS).</td>
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<td><strong>Assets, Statistics, and Reports:</strong> Discover connected hosts and attached QLogic adapters, generate reports, and collect detailed adapter and port statistics and logs.</td>
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<td><strong>Notifications and Alerts:</strong> Automatically send notifications with host configuration to an e-mail distribution list and set up alerts for error and information management.</td>
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<td><strong>Access Control:</strong> Assign passwords, protect critical operations, and prevent unauthorized access for SAN and LAN administration.</td>
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<td><strong>Topology Maps:</strong> Visually manage storage and network maps with an end-to-end view of the adapter’s connections to the hardware storage and network I/O components.</td>
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<td><strong>Wizards:</strong> Easy-to-use wizards walk through Flash and driver parameter file updates on adapters and deploy firmware and driver updates across the data center.</td>
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<td><strong>Web Client:</strong> Establish secure HTTPS connections using a GUI from widely supported Web browsers to the servers deployed with QLogic adapters and management agents.</td>
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<td><strong>Command-Line Operations:</strong> Execute an extensive command set from an interactive menu-driven or scriptable interface and automate the adapter management tasks.</td>
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<td><strong>vSphere® Integration:</strong> Manage comprehensive I/O operations across generations of adapters from the vSphere environment with the vCenter Plug-in and vSphere Web Client Plug-in.</td>
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<td><strong>CIM Providers:</strong> QLogic’s vCenter Plug-in CIM provider and Fibre Channel-FCoE CIM provider allow integration of management applications for distributed adapters.</td>
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<td><strong>Parameter and Firmware Management:</strong> Update Flash memory and activate firmware across multiple generations of adapters. Display and manage configurable parameters for Fibre Channel, iSCSI, and Ethernet functions. Capture detailed firmware debug logs for faster support, analysis, and resolution.</td>
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<td><strong>Target Device Connectivity:</strong> Display information tree for discovered target devices and LUNs connected to the Fibre Channel and Converged Networked Adapter ports.</td>
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QConvergeConsole Specifications

Operating Systems

GUI and CLI

- Windows Server®
- Windows Hyper-V®
- Red Hat® Enterprise Linux
- SUSE® Linux Enterprise Server
- Solaris® SPARC®, x86
- Citrix® XenServer®

VCPI

- VMware vSphere

Browsers Supported by GUI

- Microsoft® Internet Explorer®
- Mozilla® Firefox®
- Google® Chrome®
- Opera™
- Safari®

QLogic Adapters

- 2400, 2500 and 2600 Series Fibre Channel Adapters
- 3200 Series Intelligent Ethernet Adapters
- 8200 and 8300 Series Converged Network Adapters
- 10000 Series FabricCache Adapters

Architectures

- x86
- SPARC
- x64
- PowerPC

Learn More

Video: QConvergeConsole Plug-in for VMware vCenter

Video: QConvergeConsole GUI: Getting Started

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Product Documentation

- QConvergeConsole User’s Guide
- QConvergeConsole CLI User’s Guide
- QConvergeConsole Plug-in for VMware vCenter Server User’s Guide
- QConvergeConsole Help System
- Readme files and Release Notes

Knowledge Database

The QLogic knowledge database is an extensive collection of QLogic product information that you can search for specific solutions. QLogic is constantly adding to the collection of information in the database to provide answers to your most urgent questions. Access the database from the QLogic Support Center.