HP Cluster Platform and Cluster Platform Express

Read This First: Documentation Roadmap

July 2008

Dear HP CP or CPE Customer:

This letter will assist you in selecting the appropriate HP Cluster Platform (CP) or HP Cluster Platform Express (CPE) documentation for your configuration.

An HP CP or CPE configuration is a collection of factory-integrated industry standard components including servers and optional high-speed interconnect and storage that together create a high performance platform to meet the computing demands of high performance applications.

An HP CP configuration is typically a multirack cluster with up to thousands of server nodes. An HP CPE configuration is a single rack or tower with a limited number of server nodes.

This letter describes the documentation available on docs.hp.com in the High Performance Computing — Cluster Platform section that you will need to maintain or troubleshoot your CP or CPE configuration. To access these documents, go to:

http://docs.hp.com/en/highperfcomp.html

CP Documentation

The following list describes the CP documentation:

- *HP Cluster Platform Overview* describes the CP architecture, concepts, and configuration planning.
- *HP Cluster Platform Site Preparation Guide* describes the precautions and site requirements and specifications necessary to receive and begin setting up a CP solution.
- *HP Cluster Platform Server and Workstation Overview* describes specific server and workstation information as it relates to a CP solution. It also provides pointers to specific server and workstation product documentation that provide maintenance and troubleshooting procedures.
- *HP Cluster Platform Core Components Overview* describes all the other CP components in a CP solution except for the servers and workstations, which are described in the *HP Cluster Platform Server and Workstation Overview.*

CPE Documentation

The following list describes the CPE documentation:

- If your CPE configuration is contained in an HP 10000 Series rack, see the *Workgroup System and Cluster Platform Express Overview and Hardware Installation Guide.* In addition, some of the CP documentation is also applicable, such as the rack information as described in the *HP Cluster Platform Core Components Overview.* Such references are noted in the *Workgroup System and Cluster Platform Express Overview and Hardware Installation Guide,* where applicable.
- If your CPE configuration is contained in a c3000 tower, see the *HP Cluster Platform Workgroup System Tower Hardware Installation Guide*.

Interconnects, Cabling, and Hardware Installation Documentation

The High Performance Computing — Cluster Platform website also provides documentation for high-speed interconnects and the related hardware installation. These installation procedures might not be necessary since your CP solution may be assembled by HP; however, they are provided for completeness and possible troubleshooting.

- For information about an interconnect, including administration and user information, see the corresponding documentation available In the Interconnect Documentation section.
- For information on what to do if you need to add or replace a server that is connected to an interconnect, see the corresponding cabling table information available for a variety of supported interconnects in the Cabling Tables section. These tables provide the point-to-point connections that must be followed when connecting servers to an interconnect.
- For information on cable bracket management and other hardware kit installations, see the Hardware Kits — Installation Procedures section.

Sincerely,

HP Cluster Platform Product Group