

Before Configuring a Red Hat Cluster

This chapter describes tasks to perform and considerations to make before installing and configuring a Red Hat Cluster, and consists of the following sections:

- [Section 2.1, “Compatible Hardware”](#)
- [Section 2.2, “Enabling IP Ports”](#)
- [Section 2.3, “Configuring ACPI For Use with Integrated Fence Devices”](#)
- [Section 2.5, “Configuring max_luns”](#)
- [Section 2.6, “Considerations for Using Quorum Disk”](#)
- [Section 2.7, “Red Hat Cluster Suite and SELinux”](#)
- [Section 2.8, “Multicast Addresses”](#)
- [Section 2.9, “Considerations for Using Conga”](#)
- [Section 2.10, “General Configuration Considerations”](#)

2.1. Compatible Hardware

Before configuring Red Hat Cluster software, make sure that your cluster uses appropriate hardware (for example, supported fence devices, storage devices, and Fibre Channel switches). Refer to the hardware configuration guidelines at http://www.redhat.com/cluster_suite/hardware/ for the most current hardware compatibility information.

2.2. Enabling IP Ports

Before deploying a Red Hat Cluster, you must enable certain IP ports on the cluster nodes and on computers that run **lucci** (the **Conga** user interface server). The following sections identify the IP ports to be enabled:

- [Section 2.2.1, “Enabling IP Ports on Cluster Nodes”](#)
- [Section 2.2.2, “Enabling IP Ports on Computers That Run **lucci**”](#)

2.2.1. Enabling IP Ports on Cluster Nodes

To allow Red Hat Cluster nodes to communicate with each other, you must enable the IP ports assigned to certain Red Hat Cluster components. [Table 2.1, “Enabled IP Ports on Red Hat Cluster Nodes”](#) lists the IP port numbers, their respective protocols, and the components to which the port numbers are assigned. At each cluster node, enable IP ports according to [Table 2.1, “Enabled IP Ports on Red Hat Cluster Nodes”](#).



Note

IPv6 is not supported for Cluster Suite in Red Hat Enterprise Linux 5.