

HPE Performance Cluster Manager Installation Quick Start

Installation overview for clusters without leader nodes

The following table shows the overall procedure for installing the HPE Performance Cluster Manager 1.8 release.

For more detailed information, or for information about the alternative installation method that requires you to install a supported operating system and then install the cluster manager, see the following installation guide:

HPE Performance Cluster Manager Installation Guide for Clusters Without Leader Nodes

For information about supported operating systems, see the installation guide at the preceding link.

Step	Action	Installation guide topic
1.	Obtain the following: <ul style="list-style-type: none">The installation software in one of the following forms:<ul style="list-style-type: none">The ISO image for the cluster manager admin node installation softwareOr<ul style="list-style-type: none">Physical media, such as a bootable USB stick or DVD, that contains the ISO imageThe cluster definition file used when the cluster was installed at the factory. You can obtain a copy of this file from your HPE representative.	HPE Performance Cluster Manager operating system releases supported
2.	Install the cluster manager onto the admin node by booting to the installation media or over network via your imaging server. Use the cluster definition file that HPE used when the cluster was installed at the factory.	Installing the operating system and the cluster manager simultaneously
3.	When prompted, specify the following on the admin node: <ul style="list-style-type: none">The admin node hostnameThe house network interfaceThe time server and time zone settings If you use a video port, at the end of the operating system configuration, the system displays a Linux desktop.	Configuring RHEL 8.X on the admin node Or Configuring SLES 15 SPX on the admin node The cluster manager also supports Rocky Linux 8.X. In the cluster manager documentation, information that pertains to RHEL also pertains to Rocky Linux unless otherwise noted.

Table Continued



Step	Action	Installation guide topic
4.	<p>Open a terminal window or console window to the admin node, and enter the following command to start the cluster configuration tool:</p> <pre>configure-cluster</pre> <p>Use the tool to:</p> <ul style="list-style-type: none"> Assign the house, management, and BMC network interfaces. Complete each step in the Initial Setup menu, including the steps to create a cluster manager repository and an operating system distribution repository. (Optional) Configure additional settings for monitoring, the high-speed network, switch VLANs, or other components. 	Installing the cluster software on the admin node
5.	<p>Complete the following steps to configure the nodes into the cluster:</p> <ul style="list-style-type: none"> Verify the cluster definition file. Use one of the following methods to configure the nodes into the cluster: <ul style="list-style-type: none"> Retrieve the MAC addresses of each node and create an entry in the cluster definition file for each node. When finished, submit the cluster definition file with the <code>cm node add</code> command and provision the nodes with <code>cm node provision</code>. Or Use the <code>cm node discover add</code> command to configure each node by powering the nodes on individually or in groups of nodes. 	<p>Verifying and splitting the cluster definition file</p> <p>Configuring the management switches into the cluster</p> <p>Configuring compute nodes that are not under the control of a leader node</p>

Documentation feedback

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