

HP XC System Software Master Firmware List Version 3.0

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1 Master Firmware Versions

1.1 Overview

The tables in this document list the minimum firmware versions required for correct operation of the HP XC Version 3.0 System Software. HP recommends that you install the latest released firmware version which may be newer than the versions listed in this document.

Firmware versions are supplied for the following components:

- “ProCurve Switches”
- “CP3000 Specific Components”
- “CP4000 Specific Components”
- “CP6000 Specific Components”
- “Interconnects”
- “Console Ports”

1.2 Guidelines



Important:

Read these guidelines before installing or upgrading firmware on your HP XC system components.

- **Never** downgrade to an older version of firmware unless you are specifically instructed to do so by the HP XC Support team.
- This document clearly lists newer versions of the firmware that are known to be incompatible (that is, not backwards compatible). Incompatible versions are highlighted in **bold font**. **Do not install these known incompatible firmware versions because unexpected system behavior might occur.**
- There is always the possibility that a regression in functionality is introduced in a firmware version. It is possible that the regression could cause anomalies in XC operation. Report regressions in XC operation that result from firmware upgrades to the HP XC support team: xc_support@hp.com
- Contact the HP XC Support team if you are not sure what to do regarding firmware versions.

1.3 ProCurve Switches

Table 1-1 Minimum Firmware Versions for ProCurve Switches

Component	Minimum Firmware Version
ProCurve Switch 2650	<p>The minimum firmware version is H.07.02.</p> <p>However, be aware that the discovery protocol changed with firmware version H.08.77. All switches on an XC network must support the same discovery protocol.</p> <ul style="list-style-type: none"> Firmware Version H.07.02 supports the Cisco discovery protocol (CDP). If one switch is installed with this firmware version, all switches must be running this firmware version or an earlier version. In Firmware Version H.08.77, the protocol changed from CDP to the link layer discovery protocol (LLDP). If one switch is installed with this firmware version or a later version, and thus is using the LLDP protocol, all switches must be running this firmware version or a later version. <p>If your switch or switches support LLDP, you must log in to the ITRC¹ and download and install the patch that contains the <code>hptc-cluconfig-3-37.4.5sp</code> RPM to obtain the patch to the <code>discover</code> command that supports the LLDP protocol.</p>
ProCurve Switch 2848/2824	<p>The minimum firmware version is I.07.56.</p> <p>However, be aware that the discovery protocol changed with firmware version I08.74. All switches on an XC network must support the same discovery protocol.</p> <ul style="list-style-type: none"> Firmware Version I.07.56 supports the Cisco discovery protocol (CDP). If one switch is installed with this firmware version, all switches must be running this firmware version or an earlier version. In Firmware Version I.08.74, the protocol changed from CDP to the link layer discovery protocol (LLDP). If one switch is installed with this firmware version or a later version, and thus is using the LLDP protocol, all switches must be running this firmware version or a later version. <p>If your switch or switches support LLDP, you must log in to the ITRC¹ and download and install the patch that contains the <code>hptc-cluconfig-3-37.4.5sp</code> RPM to obtain the patch to the <code>discover</code> command that supports the LLDP protocol.</p>

¹ The HP IT Resource Center (ITRC) is located at <http://www.itrc.hp.com/>

1.4 CP3000 Specific Components

Table 1-2 Minimum Firmware Versions for CP3000 Specific Components

Component	Minimum Firmware Version
HP ProLiant DL380 G4 server	ProLiant DL380 G4 (P51) system BIOS firmware: Version 2004.12.02 Released 1/12/2005
HP ProLiant DL360 G4 server	ProLiant System BIOS = P52 2004.12.02
HP ProLiant G4p server	ProLiant System BIOS = P54 01/12/2005
HP ProLiant DL140 G2 server	ProLiant System BIOS = 004 1.11 03/25/2005
HP xw8200 workstation	Version 1.08

1.5 CP4000 Specific Components

Table 1-3 Minimum Firmware Versions for CP4000 Specific Components

Component	Minimum Firmware Version
HP ProLiant DL585 G1 server	ProLiant System BIOS = (A01) Version 2006.03.22 Released 4/11/06
HP ProLiant DL145 G1 server	ProLiant System BIOS = 4.07 (03/22/2005)
HP ProLiant DL145 G2 server	BIOS Version = 2.16 (A)
HP ProLiant DL 385 G1 server	A05 BIOS Version = 2006.03.01
HP xw9300 workstation	Version 1.05 Do not use Versions 2.0 or 2.02

1.6 CP6000 Specific Components

Table 1-4 Minimum Firmware Versions for CP6000 Specific Components

Component	Minimum Firmware Version
HP Integrity rx2600 server	<ul style="list-style-type: none">• BMC FW: 01.50• EFI FW: 01.22• System FW: 02.21
HP Integrity rx2620 server	<ul style="list-style-type: none">• BMC FW: 03.47• EFI FW: 03.10• System FW: 03.10
HP Integrity rx1620 server	<ul style="list-style-type: none">• BMC FW: 03.48• EFI FW: 02.10• System FW: 02.11

1.7 Interconnects

Table 1-5 Minimum Firmware Versions for Interconnects

Component	Minimum Firmware Version
Quadrics ELAN4	<ul style="list-style-type: none"> Switch Firmware = Software Version: 44-05032399
Myricom Myrinet	<ul style="list-style-type: none"> Switch Firmware Version = 1.0.14 Switch Firmware Version = 9.6.6 (256 port switch)
InfiniBand	<ul style="list-style-type: none"> Switch Management Board (SMB) Software = ISR 9024: <ul style="list-style-type: none"> Version: 3.4.1 Date: Oct 19 2005 11:52:55 AM Build Id: 331 ISR 9288: <ul style="list-style-type: none"> Version: 3.4.0 Date: Sep 28 2005 08:53:54 AM Build Id: 299 9024 Chip FW Version = 0.5.0 Line Board FW Version = 0.5.0 Spine Board FW Version = 0.5.0 IB PCI-X Card Version 3.3.2 IB PCI Express Card Version 4.7

1.8 Console Ports

Table 1-6 Minimum Firmware Versions for Console Ports

Component	Minimum Firmware Version
Management Processors (MP)	MP Firmware Version 3.15
Integrated Lights Out (iLO)	iLO Firmware Version 1.82
LO100i (also known as BMC or IPMI)	<ul style="list-style-type: none"> DL140 G2: Firmware Version = 1.02 DL145 G1: Firmware Version = 2.01 DL145 G2: Firmware Version = 1.03 <p>Do not use firmware revision 1.21 or later</p>