

# HP System Management Homepage Dependency Matrix HP-UX 11i v1, 11i v2, 11i v3



## **Abstract**

This document can be used by system administrators and other IT personnel to learn about the dependency of SMH and the SMH plug-ins. This document does not include information about hardware dependency for the software products mentioned in this document. For detailed information about hardware and software requirements, see the release notes and other documents of the respective software product.

Latest and updated information on the SMH dependency matrix is available at: <http://www.hp.com/go/hpux-core-docs>.

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# 1 Overview

This chapter provides a brief introduction to HP SMH, describes what is new in this edition of the document, and explains what the dependency matrix contains.

This chapter addresses the following topics:

- “About HP System Management Homepage” (page 4)
- “What is new in this edition” (page 4)
- “How is the matrix organized” (page 5)

## About HP System Management Homepage

HP System Management Homepage (HP SMH) is a web-based interface that consolidates and simplifies single system management for HP servers on HP-UX, Linux, and Windows operating systems. HP SMH - HP-UX comprises a number of plug-ins that enable users configure, manage, and troubleshoot HP-UX systems.

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**NOTE:** System Administration Manager (SAM) is deprecated in HP-UX 11i v3. HP System Management Homepage (HP SMH), an enhanced version of SAM, is introduced for managing HP-UX. HP SMH provides Graphical User Interface (GUI), Text User Interface (TUI), and Command-Line Interface (CLI) for managing HP-UX.

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The key features of HP SMH include system administration capabilities and the ability to display detailed information about hardware attributes. HP SMH enables IT administrators to view in-depth hardware configuration and status data, performance metrics, system thresholds, diagnostics, and software version control information using a single intuitive interface.

HP SMH integrates with HP Systems Insight Manager (HP SIM), the strategic platform for multi-systems management from HP. HP Systems Insight Manager communicates with HP System Management Homepage to track server health and performance and to maintain up-to-date server inventory data. The integration also supports group configuration and setup via HP SIM. When used in conjunction with HP SIM, alerts may be transmitted to appropriate individuals via e-mail or pager notification. For more information about HP SIM, visit the HP Systems Insight Manager web site at <http://www.hp.com/go/hpsim>.

### HP System Management Homepage Dependency Matrix

The *HP System Management Homepage Dependency Matrix* is designed to help users who want to upgrade by installing any one or more of the SMH plug-ins separately rather than upgrade by installing the Operating Environment. This document also helps you find out the dependency information of an SMH plug-in version.

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**NOTE:** The dependency matrices in this document cover only HP-UX 11i v2 (B.11.23) and HP-UX 11i v3 (B.11.31). The “[HP-UX WBEM Providers](#)” (page 30) chapter includes information for HP-UX 11i v1.

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## What is new in this edition

This edition is updated for the HP-UX March 2009 release information. This edition includes additional HP SMH plug-ins and WBEM providers that retrieve hardware information to be displayed by the information pages in HP SMH.

The following additional HP SMH plug-ins are discussed in this edition:

- Event Monitoring Service - Web-based
- HP-UX Property Page Plus (PropPlus)

- Partition Manager
- System Fault Management (SFM)

The following WBEM providers are discussed in this edition:

- Fibre-Channel Provider
- IOTree Provider
- LAN Provider
- LVM Provider
- RAIDSAs Provider
- SAS Provider
- SCSI Provider

## How is the matrix organized

The HP SMH Dependency Matrix document presents dependency matrices for the following:

- HP SMH Framework
- SysMgmtBase
- HP SMH plug-ins available on HP-UX
- HP-UX WBEM Providers

The dependency matrix for each product covers the following information:

- **Product Name.** This is the name of the HP SMH software. The product name is the section title in this document.
- **Bundle Tag.** This is the bundle name that you see when you download the software depot, or when you run the `swlist` command on an HP-UX system that has the product installed.
- **Product Tag.** This is the product name that you see when you download the software depot, or when you run the `swlist` command on an HP-UX system that has the product installed.
- **Subsystem.** This is applicable only to the providers. This refers to the subsystem from which the provider retrieves information, which is used by HP Software Management clients, HP System Insight Manager (SIM), and HP System Management HomePage (SMH).
- **Product Version.** This is the version of the HP SMH software.
- **HP-UX Release.** This is the version of the HP-UX operating system, the HP-UX OEUR (Operating Environment Update Release), the hardware enablement release (HWE), or the web release.
- **Explicit Dependency.** This refers to the dependency at product install time. In the Explicit Dependency column, the descriptor `r>=` must be read as 'revision greater than or equal to'.
- **Implicit Dependency.** This refers to the dependency at product run time.

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## 2 HP SMH framework

This chapter presents the dependency matrix for software bundles that form the framework for the web-based HP SMH and the text user interface-based HP SMH.

This chapter addresses the following topics:

- “System Management Homepage” (page 6)
- “SysMgmtBase” (page 11)

### System Management Homepage

Bundle Tag: SysMgmtWeb | Product Tag: SysMgmtHomepage

The bundle SysMgmtWeb is a framework for the web-based HP SMH and comprises the user interfaces for the web-based System Management Homepage. [Table 1](#) lists the dependency data for SysMgmtHomepage™.

**Table 1 System Management Homepage**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
A.2.2.1.4	11i v2 December 2005	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvcS</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.3	11i v2 June 2006	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvcS</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.5	11i v2 December 2006	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvcS</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.7	11i v2 December 2007	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvcS</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.5.1	11i v3 February	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvcS</li> </ul>

**Table 1 System Management Homepage** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
	2007	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• SysFaultMgmt</li> </ul>
A.2.2.6.2	11i v3 September 2007	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvc</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.8	11i v3 March 2008	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=A.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> <li>• openssl.OPENSSSLIB</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvc</li> <li>• SysFaultMgmt</li> </ul>
A.2.2.9	11i v3 September 2008	<ul style="list-style-type: none"> <li>• hpuxwsAPACHE.APACHE, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.AUTH_LDAP, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_JK, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.MOD_PERL, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.PHP, r&gt;=A.2.0.49.00.%%</li> <li>• hpuxwsAPACHE.WEBPROXY, r&gt;=A.2.0.49.00.%%</li> <li>• SysMgmtBase.SMH-UILIB</li> <li>• SysMgmtBase.SMH-UILIB-COM</li> </ul>	<ul style="list-style-type: none"> <li>• WBEMSvc</li> <li>• SysFaultMgmt</li> </ul>



**Table 1 System Management Homepage** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
		<ul style="list-style-type: none"> <li>openssl.OPENSSSL-LIB</li> </ul>	
A.2.2.9.2	11i v1 March 2009	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_JK, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_PERL, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.PHP, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.WEBPROXY, r&gt;=A.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>WBEMSvc</li> <li>SysFaultMgmt</li> </ul>
A.3.0.0	11i v2 and 11i v3 March 2009	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_JK, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_PERL, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.PHP, r&gt;=A.2.0.49.00.%%</li> <li>hpuxwsAPACHE.WEBPROXY, r&gt;=A.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>WBEMSvc</li> <li>SysFaultMgmt</li> <li>SysMgmtPlus</li> </ul>
A.3.0.2	11i v2 and 11i v3 September 2009	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>PropPlus.PROP-WEB, r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>
A.3.1.0	11i v2 and 11i v3 March 2010	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_JK, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_PERL, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.PHP, r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.WEBPROXY, r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>

**Table 1 System Management Homepage** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
		<ul style="list-style-type: none"> <li>PropPlus.PROP-WEB,r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	
A.3.1.2	11i v2 September 2010	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE,r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_JK,r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.MOD_PERL,r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.PHP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxwsAPACHE.WEBPROXY,r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>PropPlus.PROP-WEB,r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>
A.3.2.1	11i v3 September 2010	<ul style="list-style-type: none"> <li>hpuxws22APACHE.APACHE,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.APACHE,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.AUTH_LDAP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_JK,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_JK,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_PERL,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_PERL,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.PHP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.PHP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.WEBPROXY,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.WEBPROXY,r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>PropPlus.PROP-WEB,r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>
A.3.2.0	11i v2 December 2010	<ul style="list-style-type: none"> <li>hpuxwsAPACHE.APACHE,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.APACHE,r&gt;=B.2.2.8.10.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.AUTH_LDAP,r&gt;=B.2.2.8.10.%%</li> <li>hpuxwsAPACHE.MOD_JK,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_JK,r&gt;=B.2.2.8.10.%%</li> <li>hpuxwsAPACHE.MOD_PERL,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_PERL,r&gt;=B.2.2.8.10.%%</li> <li>hpuxwsAPACHE.PHP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.PHP,r&gt;=B.2.2.8.10.%%</li> <li>hpuxwsAPACHE.WEBPROXY,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.WEBPROXY,r&gt;=B.2.2.8.10.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>

**Table 1 System Management Homepage** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
		<ul style="list-style-type: none"> <li>openssl.OPENSSSL-LIB</li> </ul>	
A.3.2.2	11i v3 March 2011	<ul style="list-style-type: none"> <li>hpuxws22APACHE.APACHE,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.APACHE,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.AUTH_LDAP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_JK,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_JK,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_PERL,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_PERL,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.PHP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.PHP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.WEBPROXY,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.WEBPROXY,r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>PropPlus.PROP-WEB,r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>
A.3.2.3	11i v3 March 2012	<ul style="list-style-type: none"> <li>hpuxws22APACHE.APACHE,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.APACHE,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.AUTH_LDAP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.AUTH_LDAP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_JK,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_JK,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.MOD_PERL,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.MOD_PERL,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.PHP,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.PHP,r&gt;=B.2.0.49.00.%%</li> <li>hpuxws22APACHE.WEBPROXY,r&gt;=B.2.2.8.08.%%</li> <li>hpuxwsAPACHE.WEBPROXY,r&gt;=B.2.0.49.00.%%</li> <li>SysMgmtBase.SMH-UILIB</li> <li>SysMgmtBase.SMH-UILIB-COM</li> <li>PropPlus.PROP-WEB,r&gt;=A.02.00</li> <li>openssl.OPENSSSL-LIB</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtPlus</li> </ul>

## SysMgmtBase

Bundle Tag: SysMgmtBase | Product Tags: SAM-LOGAPI, SAM-RUN, SMH-SAMLOG, SMH-SAMLOG-TUI, SMH-UILIB, SMH-UILIB-COM

The bundle SysMgmtBase comprises the common enablers for HP-UX system management. The bundle contains the following:

- SAM-LOGAPI: Contains SAM log APIs
- SAM-RUN: Contains System Management Terminal User Interface (TUI) and core capabilities.

- SMH-SAMLOG: Contains the HP SMH web-based application Log Viewer.
- SMH-SAMLOG-TUI: Contains the HP SMH TUI-based application Log Viewer.
- SMH-UILIB: Contains the HP SMH user interface (UI) library.
- SMH-UILIB-COM: Contains the common files for HP SMH user interface (UI) library.

Table 2 lists the dependency data for the bundle SysMgmtBase™.

**Table 2 SysMgmtBase**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.00.01	11i v2 September 2004	SystemAdmin.SAM	None
B.00.02.01	11i v2 December 2005	SystemAdmin.SAM	None
B.00.02.02	11i v2 June 2006	None	None
B.00.02.03	11i v2 December 2006	None	None
B.00.02.03.02	11i v2 December 2007	None	None
B.00.02.03.03	11i v2 March 2009	None	None
B.00.02.04	11i v3 February 2007	None	None
B.00.02.04.02	11i v3 September 2007	None	None
B.00.02.04.03	11i v3 September 2008	None	None
B.00.02.04.04	11i v3 October 2008 Web Release	None	None
B.00.02.04.05	11i v3 March 2009	None	None
B.00.02.04.06	11i v3 September 2009	None	None
B.00.02.04.07	11i v3 March 2010	None	None
B.00.02.04.08	11i v3 March 2011	None	None
B.00.02.04.09	11i v3 September 2011	None	None
B.00.02.04.10	11i v3 March 2012	None	None

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## 3 HP SMH plug-ins

This chapter presents the dependency data for the HP SMH plug-ins available on HP-UX. This edition covers an initial set of HP SMH plug-ins. Future editions of the document will include additional HP SMH plug-ins. For information about how the dependency data is presented, see [“How is the matrix organized” \(page 5\)](#).

This chapter addresses the following topics:

- [“Accounts for UsersGroups” \(page 13\)](#)
- [“Auditing and security attributes configuration” \(page 14\)](#)
- [“Disks and File Systems configuration” \(page 15\)](#)
- [“Distributed Systems Administration Utilities \(DSAU\)” \(page 19\)](#)
- [“Event Monitoring Service – Web-based” \(page 19\)](#)
- [“Kernel Configuration” \(page 20\)](#)
- [“Network Configuration” \(page 22\)](#)
- [“Partition Manager” \(page 23\)](#)
- [“Peripheral Devices configuration” \(page 24\)](#)
- [“Printer Management” \(page 25\)](#)
- [“Property Page Plus \(HP-UX SMH supplemental functionality\)” \(page 25\)](#)
- [“System Fault Management \(SFM\) ” \(page 26\)](#)

### Accounts for UsersGroups

Bundle Tag: SysMgmtMin or UserGroups | Product Tag: UserAndGroups

**Table 3 Accounts for Users and Groups**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23	11i v2 December 2005	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> </ul>
B.11.23.01	11i v2 March 2006	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> </ul>
B.11.23.02	11i v2 December 2007	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> </ul>
B.11.31	11i v3 February 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.0709	11i v3 September 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.0809.01	11i v3 September 2008	SysMgmtBase.SAM-RUN, r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.0909.00	11i v3 September 2009	SysMgmtBase.SAM-RUN,r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.1003.00	11i v3 March 2010	SysMgmtBase.SAM-RUN,r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.1009.00	11i v3 September 2010	SysMgmtBase.SAM-RUN,r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>
B.11.31.1103.00	11i v3 March 2011	SysMgmtBase.SAM-RUN,r>=B.00.02.04.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecConfig (for Modify Security Attributes)</li> <li>• LDAP (for LDAP features)</li> </ul>

## Auditing and security attributes configuration

Bundle Tag: SysMgmtMin or SecConfig | Product Tag: SecurityConfig

**Table 4 Auditing and Security Attributes Configuration**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.0505	11i v2 June 2005	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.23.0512.01	11i v2 December 2005	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.23.0603	11i v2 March 2006	SysMgmtBase.SAM-RUN, r>=B.00.02.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.23.0706	11i v2 June 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.02.01	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.23.0712	11i v2 December 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.23.0903	11i v2 March 2009	SysMgmtBase.SAM-RUN, r>=B.00.02.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• StdModSecExt</li> </ul>
B.11.31	11i v3 February 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.04	SysMgmtWeb
B.11.31.01	11i v3 September 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.02	11i v3 December 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.04	11i v3 March 2009	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.05	11i v3 September 2009	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.06	11i v3 March 2010	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.07	11i v3 September 2010	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>
B.11.31.08	11i v3 September 2011	SysMgmtBase.SAM-RUN, r>=B.00.02.04	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• SecurityMon</li> </ul>

## Disks and File Systems configuration

Bundle Tag: SysMgmtMin or FileSystems | Product Tag: FileSystemsWeb

**Table 5 Disks and File Systems Configuration**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.01	11i v2 December 2005	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> </ul>
B.11.23.03	11i v2 September 2006	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> </ul>
B.11.23.04	11i v2 September 2010	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> </ul>
B.11.23.05	11i v2 May 2011	None	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> </ul>
B.11.31.02	11i v3 February 2007	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> </ul>
B.11.31.03	11i v3 September 2007	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> </ul>
B.11.31.04	11i v3 December 2007	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> </ul>
B.11.31.05	11i v3 March 2008	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> </ul>
B.11.31.06	11i v3 September 2008	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> </ul>



**Table 5 Disks and File Systems Configuration** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
			<ul style="list-style-type: none"> <li>• Cluster-Monitor.CM-CORE</li> </ul>
B.11.31.07	11i v3 March 2009	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.08	11i v3 April 2009	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.09	11i v3 September 2009	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.10	11i v3 March 2010	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.11	11i v3 March 2010	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> </ul>

**Table 5 Disks and File Systems Configuration** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
			<ul style="list-style-type: none"> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.12	11i v3 September 2010	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.13.01	11i v3 March 2011	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.14	11i v3 September 2011	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>
B.11.31.15	11i v3 March 2012	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• LVM</li> <li>• LVM-MirrorDisk</li> <li>• JFS.VXFS-BASE-RUN</li> <li>• Cluster-Monitor.CM-CORE</li> <li>• Base-VxFS-50</li> <li>• B9116CB</li> <li>• B3929FB</li> <li>• PAX-ENH or patch PHCO_38835</li> </ul>

# Distributed Systems Administration Utilities (DSAU)

Bundle Tag: DSAUtilities | Product Tag: DSAU

**Table 6 Distributed Systems Administration Utilities (DSAU)**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23	11i v2 December 2005	Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.02	11i v2 March 2006	Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.03	11i v2 September 2006	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.08	11i v2 June 2007	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.11	11i v2 December 2007	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.07	11i v3 February 2007	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.10	11i v3 September 2007	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.12	11i v3 December 2007	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.14	11i v3 March 2008	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.15	11i v2 September 2008	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.16	11i v3 September 2008	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.17	11i v2 March 2009	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.18	11i v3 March 2009	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.19	11i v3 May 2010	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.20	11i v2 August 2010	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb
C.01.00.20	11i v3 March 2011	Perl5-64.PERL-RUN   Perl5-32.PERL-RUN	SysMgmtWeb

## Event Monitoring Service – Web-based

Bundle Tag: EventMonitorGUI | Product Tag: EMSWeb

**Table 7 Event Monitoring Service – Web-based**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.31.01	11i v3 March 2008	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r&gt;=A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.02	11i v3 September 2009	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r&gt;=A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.03	11i v3 March 2010	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r&gt;=A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.04	11i v3 March 2011	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r&gt;=A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb

## Kernel Configuration

Bundle Tag: SysMgmtMin or Casey | Product Tag: KernelConfig

**Table 8 Kernel Configuration**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.22	11i v1 September 2002	EMS-Core.EMS-CORE, r >= A.03.20	None
B.11.23	11i v2 September 2003	EMS-Core.EMS-CORE, r >= A.03.40	None
B.11.23.10	11i v2 September 2004	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.01</li> <li>PeriphDevWeb.WEB-ADM, r&gt;=B.11.23.00</li> </ul>	None
B.11.23.20	11i v2 December 2005	EMS-Core.EMS-CORE, r>=A.03.40	SysMgmtWeb

**Table 8 Kernel Configuration** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.21	11i v2 June 2006	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.01</li> </ul>	SysMgmtWeb
B.11.23.22	11i v2 December 2006	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.01</li> </ul>	SysMgmtWeb
B.11.23.23	11i v2 September 2007	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.01</li> </ul>	SysMgmtWeb
B.11.23.24	11i v2 December 2007	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.03</li> </ul>	SysMgmtWeb
B.11.23.25	11i v2 September 2009	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.03</li> </ul>	SysMgmtWeb
B.11.23.26	11i v2 September 2010	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.03</li> </ul>	SysMgmtWeb
B.11.23.27	11i v2 September 2010	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.03</li> </ul>	SysMgmtWeb
B.11.31.00	11i v3 February 2007	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.01</li> </ul>	SysMgmtWeb
B.11.31.01	11i v3 September 2007	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.02	11i v3 March 2008	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.04	11i v3 September 2008	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.05	11i v3 March 2009	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.06	11i v3 September 2009	<ul style="list-style-type: none"> <li>EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>HP-UX patch</li> </ul>

**Table 8 Kernel Configuration** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
		<ul style="list-style-type: none"> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	PHCO_37502 for the feature Restore Previous Boot Values
B.11.31.07	11i v3 September 2010	<ul style="list-style-type: none"> <li>• EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.08	11i v3 March 2011	<ul style="list-style-type: none"> <li>• EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.09	11i v3 September 2011	<ul style="list-style-type: none"> <li>• EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>
B.11.31.10	11i v3 March 2012	<ul style="list-style-type: none"> <li>• EMS-Core.EMS-CORE, r &gt;= A.03.40</li> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB-COM, r&gt;=B.00.02.04.01</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HP-UX patch PHCO_37502 for the feature Restore Previous Boot Values</li> </ul>

## Network Configuration

Bundle Tag: SysMgmtMin or NetworkConf | Product Tag: NetworkConfig

**Table 9 Network Configuration**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.31.02	11i v3 February 2007	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.03	11i v3 September 2007	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.04	11i v3 March 2008	SysMgmtBase.SAM-RUN	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.05	11i v3 September 2008	SysMgmtBase.SAM-RUN, r>=B.00.02.04.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.06	11i v3 March 2009	SysMgmtBase.SAM-RUN, r>=B.00.02.04.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.07	11i v3 September 2009	SysMgmtBase.SAM-RUN, r>=B.00.02.04.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.08	11i v3 March 2010	SysMgmtBase.SAM-RUN, r>=B.00.02.04.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.09	11i v3 September 2010	SysMgmtBase.SAM-RUN, r>=B.00.02.04.03	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.10	11i v3 March 2011	SysMgmtBase.SAM-RUN, r>=B.00.02.04.08	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.11	11i v3 April 2011	SysMgmtBase.SAM-RUN, r>=B.00.02.04.08	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.12	11i v3 September 2011	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.08</li> <li>• PHNE_41971.NETMG2-RUN,fa=HP-UX_B.11.31_IA   PHNE_41971.NETMG2-RUN,fa=HP-UX_B.11.31_PA</li> <li>• PHNE_41971.LANCRA-SHLIB,fa=HP-UX_B.11.31_IA   PHNE_41971.LANCRA-SHLIB,fa=HP-UX_B.11.31_PA</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>
B.11.31.13	11i v3 March 2012	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.08</li> <li>• PHNE_41971.NETMG2-RUN,fa=HP-UX_B.11.31_IA   PHNE_41971.NETMG2-RUN,fa=HP-UX_B.11.31_PA</li> <li>• PHNE_41971.LANCRA-SHLIB,fa=HP-UX_B.11.31_IA   PHNE_41971.LANCRA-SHLIB,fa=HP-UX_B.11.31_PA</li> </ul>	<ul style="list-style-type: none"> <li>• SysMgmtWeb</li> <li>• HPUX-NameServer</li> </ul>

## Partition Manager

Bundle Tag: ParMgr | Product Tag: PartitionManager

**Table 10 Partition Manager (ParMgr)**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.12.02.02.02	11i v1 December 2006	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre15.JRE15, r&gt;=1.5.0</li> </ul>
B.23.02.01.03	11i v2 December 2007	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre15.JRE15, r&gt;=1.5.0</li> </ul>
B.31.02.04.00	11i v3 March 2008	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre15.JRE15, r&gt;=1.5.0</li> </ul>
B.31.02.04.02	11i v3 March 2009	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre15.JRE15, r&gt;=1.5.0</li> </ul>
B.31.02.04.05	11i v3 March 2011	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre60.JRE60, r&gt;=1.6.0</li> </ul>
B.31.02.04.06	11i v3 March 2012	<ul style="list-style-type: none"> <li>NParProvider.NPAR-RUN, r&gt;=B.01.00.%</li> <li>hpuxwsTOMCAT.TOMCAT, r&gt;=A.1.0.00.01.%</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb</li> <li>Jre60.JRE60, r&gt;=1.6.0</li> </ul>

## Peripheral Devices configuration

Bundle Tag: SysMgmtMin or PeriphDev | Product Tag: PeriphDevWeb

**Table 11 Peripheral Devices Configuration**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.11.00	11i v1 December 2006	None	PHCO_34605 or later
B.11.11.01	11i v1 June 2007	None	PHCO_34605 or later
B.11.23.00	11i v2 September 2003	None	None
B.11.23.01	11i v2 March 2004	SysMgmtBase.SAM-RUN, r>=B.00.01.%	None
B.11.23.02	11i v2 September 2004	SysMgmtBase.SAM-RUN, r>=B.00.01.%	None
B.11.23.04	11i v2 June 2005	SysMgmtBase.SAM-RUN, r>=B.00.01.%	None
B.11.23.05.02	11i v2 December 2005	SysMgmtBase.SAM-RUN, r>=B.00.02.01	SysMgmtWeb
B.11.23.05.04	11i v2 September 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.01	SysMgmtWeb
B.11.23.05.05	11i v2 December 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.03	SysMgmtWeb
B.11.31.01	11i v2 February 2007	SysMgmtBase.SAM-RUN, r>=B.00.02.01	SysMgmtWeb



**Table 11 Peripheral Devices Configuration** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.31.03	11i v3 September 2007	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.05	11i v3 September 2008	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.06	11i v3 March 2009	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.02</li> </ul>	SysMgmtWeb
B.11.31.07	11i v3 September 2009	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.08	11i v3 March 2010	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.09	11i v3 September 2010	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.10	11i v3 September 2011	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb

## Printer Management

Bundle Tag: SysMgmtMin or PrinterConfig | Product Tag: PrinterConfig

**Table 12 Printer Management**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.31.00	11i v3 September 2007	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.04	11i v3 March 2009	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.05	11i v3 September 2009	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.01</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb
B.11.31.06	11i v3 March 2010	<ul style="list-style-type: none"> <li>• SysMgmtBase.SAM-RUN, r&gt;=B.00.02.04.02</li> <li>• SysMgmtBase.SMH-UILIB, r&gt;=B.00.02.04.01</li> </ul>	SysMgmtWeb

## Property Page Plus (HP-UX SMH supplemental functionality)

Bundle Tag: SysMgmtPlus | Product Tag: PropPlus

SysMgmtPlus contains functionality that enhances HP System Management Homepage (HP SMH) property page display capabilities. SysMgmtPlus enables HP SMH to display enhanced property pages that contain dynamic content, allowing the user to view or hide details of devices and firmware. SysMgmtPlus enables display of dynamic content in the following property pages:

- Cooling
- Enclosure Information

- Firmware Information
- FRU Information
- Management Processor
- Memory
- Power
- Processors
- System Summary
- Temperature
- Voltage

**Table 13 HP-UX Property Page Plus**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
A.01.00.xx.yy	11i v3 March 2009	SysMgmtWeb A.3.0.0	SysMgmtWeb A.3.0.0

## System Fault Management (SFM)

Bundle Tag: SysFaultMgmt | Product Tag: SFM-CORE

System Fault Management (SFM) is a collection of tools that are used to monitor the health of HP servers running the HP-UX operating system. SFM retrieves information about a system's hardware devices such as CPU, memory, power supply, and cooling devices. SFM operates within the Web-Based Enterprise Management (WBEM) environment. SFM includes the following components:

- CIMUtil
- EVWEB
- Error Management Technology (EMT)
- IPMI Event Viewer
- Providers

For more information about SFM, see the SFM documents available at [www.hp.com/go/hpux-diagnostics-docs](http://www.hp.com/go/hpux-diagnostics-docs)

**Table 14 System Fault Management (SFM)**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
A.03.00.01.yy	Web Release April 2006	<ul style="list-style-type: none"> <li>HP-UX 11i v1 September 2005 or later</li> <li>OpenSSL A.00.09.07e.012 or later</li> <li>WBEMServices A.02.00.09 WBEM Services CORE Product</li> <li>OnlineDiag B.11.11.16.xx</li> <li>GOLDBASE 11i - B.11.11.0509.429 Base Patches for HP-UX 11i v1 September 2005</li> </ul>	SysMgmtWeb A.2.2.2
A.04.00.04.yy	HWE0612 December 2006	<ul style="list-style-type: none"> <li>HP-UX 11i v1 May 2005 or later</li> <li>OpenSSL A.00.09.07e.012 or later</li> <li>WBEMServices A.02.05 WBEM Services CORE Product</li> <li>OnlineDiag B.11.11.16.xx</li> </ul>	SysMgmtWeb A.2.2.5
B.02.00.05.yy	HWE0606 June 2006	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update Release (OEUR) March 2006 or later</li> <li>OpenSSL A.00.09.07e.012 or later</li> <li>WBEMServices A.02.00.09 WBEM Services CORE Product</li> <li>OnlineDiag version B.11.23.07.xx</li> <li>QPKBASE B.11.23.0603.040a Base Quality Pack Bundle for HP-UX 11i v2, June 2006</li> </ul>	SysMgmtWeb A.2.2.2
B.03.00.04.yy	HWE0609 September 2006	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update Release (OEUR) March 2006 or later</li> <li>OpenSSL A.00.09.07e.012 or later</li> <li>WBEMServices A.02.00.09 WBEM Services CORE Product</li> <li>OnlineDiag version B.11.23.07.xx</li> <li>QPKBASE B.11.23.0609.053a Base Quality Pack Bundle for HP-UX 11i v2, September 2006</li> </ul>	SysMgmtWeb A.2.2.2
B.03.00.05.yy	Web Release February 2007	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update Release (OEUR) March 2006 or later</li> <li>OpenSSL A.00.09.07e.012 or later</li> <li>WBEMServices A.02.00.09 WBEM Services CORE Product</li> <li>OnlineDiag version B.11.23.07.xx</li> <li>QPKBASE B.11.23.0609.053a Base Quality Pack Bundle for HP-UX 11i v2, September 2006</li> </ul>	SysMgmtWeb A.2.2.2
B.04.00.06.yy	HWE0706 June 2007	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update Release (OEUR) June 2006 or later</li> <li>OpenSSL A.00.09.07e.013 or later</li> <li>WBEMServices A.02.05.04 WBEM Services CORE Product</li> <li>OnlineDiag version B.11.23.09.xx</li> <li>QPKBASE B.11.23.0706.064 Base Quality Pack Bundle for HP-UX 11i v2, September 2006</li> </ul>	SysMgmtWeb A.2.2.5
B.05.00.05.yy	HWE0712	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update</li> </ul>	SysMgmtWeb A.2.2.5

**Table 14 System Fault Management (SFM) (continued)**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
	December 2007	<ul style="list-style-type: none"> <li>Release (OEUR) May 2005 or later</li> <li>OpenSSL A.00.09.07e.013 or later</li> <li>PHKL_34795 IPMI patch</li> <li>WBEMServices A.02.05.08 WBEM Services CORE Product</li> <li>OnlineDiag version B.11.23.10</li> <li>QPKBASE B.11.23.0712.070a Base Quality Pack Bundle for HP-UX 11i v2, December 2007</li> </ul>	
C.01.00.29.yy	HP-UX 11i v3 February 2007	<ul style="list-style-type: none"> <li>HP-UX 11i v3 February 2007</li> <li>OpenSSL Version A.00.09.07e.013 or later</li> <li>HP WBEM Services Version A.02.05 or later</li> <li>Online Diagnostics B.11.31.01.yy</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtWeb A.2.2.4</li> <li>SysMgmtBase B.00.02.03</li> </ul>
C.02.00.04.yy	HWE0709 September 2007	<ul style="list-style-type: none"> <li>HP-UX 11i v3 February 2007</li> <li>OpenSSL Version A.00.09.07e.013 or later</li> <li>WBEM Services A.02.05 or later</li> <li>EVM-EventMgr B.11.31</li> <li>OnlineDiag B.11.31.01.yy</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtBase B.00.02.03</li> <li>SysMgmtWeb version A.2.2.4</li> </ul>
B.06.00.04.yy	Web Release March 2008	<ul style="list-style-type: none"> <li>HP-UX 11i v2 Operating Environment Update Release (OEUR) May 2005 or later</li> <li>OpenSSL A.00.09.07e.013 or later</li> <li>PHKL_34795 IPMI patch</li> <li>WBEMServices A.02.08 WBEM Services CORE Product</li> <li>OnlineDiag B.11.23.10.xx</li> <li>QPKBASE B.11.23.0803.xxx Base Quality Pack Bundle for HP-UX 11i v2, March 2008</li> </ul>	SysMgmtWeb A.2.2.7
C.03.00.06.yy	HP-UX 11i v3 March 2008	<ul style="list-style-type: none"> <li>HP-UX 11i v3 February 2007</li> <li>OpenSSL Version A.00.09.07e.013 or later</li> <li>WBEM Services Version A.02.07 or later</li> <li>EVM-EventMgr B.11.31</li> <li>Online Diagnostics B.11.31.02.yy</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtBase B.00.02.03</li> <li>SysMgmtWeb version A.2.2.4</li> </ul>
C.04.00.05.yy	HP-UX 11i v3 September 2008	<ul style="list-style-type: none"> <li>HP-UX 11i v3 February 2007</li> <li>OpenSSL Version A.00.09.07e.013 or later</li> <li>WBEM Services Version A.02.07 or later</li> <li>EVM-EventMgr B.11.31</li> <li>Online Diagnostics B.11.31.03.yy</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtBase B.00.02.03</li> <li>SysMgmtWeb version A.2.2.4</li> <li>HP SIM version C.05.02.01.xx.yy for remote administration of indications and instances</li> </ul>
C.05.00.06.yy	HP-UX 11i v3 March 2009	<ul style="list-style-type: none"> <li>HP-UX 11i v3 February 2007 or later</li> <li>OpenSSL Version A.00.09.07e.013 or later</li> <li>WBEM Services Version A.02.07 or later</li> <li>EVM-EventMgr B.11.31</li> </ul>	<ul style="list-style-type: none"> <li>SysMgmtBase B.00.02.03</li> <li>SysMgmtWeb version A.2.2.5</li> <li>HP SIM version 5.0.01</li> </ul>

**Table 14 System Fault Management (SFM) (continued)**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
		<ul style="list-style-type: none"><li>• Online Diagnostics B.11.31.03.yy</li></ul>	<ul style="list-style-type: none"><li>•</li><li>• ProviderSvcsBase (any version)</li><li>• PropPlus (SysMgmtPlus) A.01.00 or later</li></ul>

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## 4 HP-UX WBEM Providers

This chapter presents the dependency data for the HP-UX WBEM (Web-Based Enterprise Management) providers. This edition covers an initial set of providers. Future editions of the document will include additional providers. For information about how the dependency data is presented, see “How is the matrix organized” (page 5). For more information about the providers, see the product datasheets available with the product, and the respective release notes available on the HP Technical Documentation website at <http://docs.fc.hp.com/en/netsys.html#HP%20WBEM%20Providers>

This chapter addresses the following topics:

- “HP-UX WBEM Fibre Channel Provider” (page 30)
- “HP-UX WBEM IOTree Provider” (page 31)
- “HP-UX WBEM LAN Provider” (page 32)
- “HP-UX WBEM LVM Provider” (page 32)
- “HP-UX WBEM RAIDSA Provider” (page 33)
- “HP-UX WBEM SAS Provider” (page 33)
- “HP-UX WBEM SCSI Provider” (page 33)

### HP-UX WBEM Fibre Channel Provider

Product Tag: FCPROVIDER01 | Subsystem: Fibre Channel host-bus adapters (FC-HBA)

The Fibre Channel (FC) provider is an HP-UX WBEM provider for Fibre Channel host-bus adapters (HBAs). The WBEM clients use the FC provider to retrieve Fibre Channel host-bus adapter attributes, such as port properties and host-bus adapter parameters. In the HP SMH home page, the **FC-HBA** menu item in the **Storage** category internally uses the FC provider to retrieve and display information about Fibre Channel host bus adapter parameters.

**Table 15 HP-UX WBEM Fibre Channel Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.11.0809	11i v1 September 2008	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> </ul>	None
B.11.23.0809	11i v2 September 2008	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> </ul>	None
B.11.31.0809	11i v3 September 2008	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> </ul>	None
B.11.11.0903	11i v1 March 2009	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> </ul>	None
B.11.23.0903	11i v2 March 2009	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> </ul>	None
B.11.31.0903	11i v3 March 2009	<ul style="list-style-type: none"> <li>• WBEM Services Version A.02.05 or later</li> <li>• FC-HBA instance provider</li> <li>• FC-COMMON product</li> <li>• SysMgmtPlus version A.01.00.05.01</li> </ul>	None

## HP-UX WBEM IOTree Provider

Product Tag: IOTreeProvider | Subsystem: PCI I/O

The IOTree provider is an HP-UX WBEM provider for the PCI I/O subsystem. The WBEM clients use the IOTree provider to retrieve information about the various attributes of the PCI I/O subsystem. It retrieves basic HP-UX PCI subsystem information, such as the card number, and the various characteristics of the PCI slots, PCI cards, PCI devices, and PCI bridges. In the HP SMH home page, the **PCI** menu item in the **IO** category internally uses the IOTree provider to retrieve and display PCI related information.

**Table 16 HP-UX WBEM IOTree Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.11.0809	11i v1 September 2008	WBEM Services Version A.02.05 or later	None
B.11.23.0809	11i v2 September 2008	WBEM Services Version A.02.05 or later	None
B.11.31.0809	11i v3 September 2008	WBEM Services Version A.02.05 or later	None
B.11.11.0903	11i v1 March 2009	WBEM Services Version A.02.05 or later	None

**Table 16 HP-UX WBEM IOTree Provider** *(continued)*

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.0903	11i v2 March 2009	WBEM Services Version A.02.05 or later	None
B.11.31.0903	11i v3 March 2009	WBEM Services Version A.02.05 or later	None

## HP-UX WBEM LAN Provider

Product Tag: WBEMP-LAN-00 | Subsystem: Ethernet-based LAN interfaces

The LAN provider is a CIM (Common Information Model) provider for Ethernet-based LAN interfaces. The LAN provider provides information on LAN interfaces in the system. This provider supports only Ethernet-based LAN links, and the Ethernet links available for Ethernet port. In the HP SMH home page, the **LAN-HBA** menu item in the **Network Information** category internally uses the LAN provider to retrieve and display information about LAN interfaces.

**Table 17 HP-UX WBEM LAN Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.11.0706	11i v1 June 2007	WBEM Services Version A.02.00	None
B.11.23.0706	11i v2 June 2007	WBEM Services Version A.02.00	None
B.11.23.0809	11i v2 September 2008	WBEM Services Version A.02.05 or later	None
B.11.31.0809	11i v2 September 2008	WBEM Services Version A.02.05 or later	None
B.11.11.0903	11i v1 March 2009	WBEM Services Version A.02.05 or later	None
B.11.23.0903	11i v2 March 2009	WBEM Services Version A.02.05 or later	None
B.11.31.0903	11i v3 March 2009	<ul style="list-style-type: none"> <li>WBEM Services Version A.02.05 or later</li> <li>SysMgmtPlus version A.01.00.05.01</li> </ul>	None

## HP-UX WBEM LVM Provider

Product Tag: LVMProvider | Subsystem: LVM

The LVM provider is an HP-UX WBEM provider for Logical Volume Manager (LVM). The WBEM clients use the LVM provider to retrieve LVM information from the LVM subsystem. This provider is available with the LVM product.

**Table 18 HP-UX WBEM LVM Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.11.01	11i v1	WBEM Services Version A.02.05	None
B.11.23.0612	11i v2 December 2006	WBEM Services Version A.02.00	None
B.11.31.0809	11i v3 September 2008	WBEM Services Version A.02.05	None



## HP-UX WBEM RAIDSA Provider

Product Tag: RAIDSAProvider | Subsystem: Smart Array HBAs

The RAIDSA provider is an HP-UX WBEM provider for Smart Array HBAs. The WBEM clients use this provider to retrieve information about various attributes of the Smart Array HBAs present on the system. In the HP SMH home page, the **RAIDSA-HBA** menu item in the **Storage** category internally uses the RAIDSA provider to retrieve and display information about Smart Array HBAs.

**Table 19 HP-UX WBEM RAIDSA Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.0612	11i v2 December 2006	WBEM Services Version A.02.00	SysMgmtWeb
B.11.11.0809	11i v1 September 2008	WBEM Services Version A.02.05 or later	SysMgmtWeb
B.11.23.0809	11i v2 September 2008	WBEM Services Version A.02.05 or later	SysMgmtWeb
B.11.31.0809	11i v3 September 2008	WBEM Services Version A.02.05 or later	SysMgmtWeb
B.11.23.0903	11i v2 March 2009	WBEM Services Version A.02.05 or later	SysMgmtWeb
B.11.31.0903	11i v3 March 2009	WBEM Services Version A.02.05 or later	SysMgmtWeb

## HP-UX WBEM SAS Provider

Product Tag: SASProvider | Subsystem: SAS HBAs

The SAS provider is an HP-UX WBEM provider for SAS HBAs. The WBEM clients use this provider to retrieve information about various attributes of the SAS HBAs present on the system. The PA-RISC architecture does not support this provider. In the HP SMH home page, the **SAS-HBA** menu item in the **Storage** category internally uses the SAS provider to retrieve and display information about SAS cards.

**Table 20 HP-UX WBEM SAS Provider**

Product Version	HP-UX Release	Explicit Dependency (install time)	Implicit Dependency (run time)
B.11.23.0612	11i v2 December 2006	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.23.0809	11i v2 September 2008	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.31.0809	11i v3 September 2008	WBEM Services version A.02.05 or later	SysMgmtWeb

## HP-UX WBEM SCSI Provider

Product Tag: SCSIProvider01 | Subsystem: SCSI HBAs

The SCSI provider is an HP-UX WBEM provider for SCSI HBAs. The WBEM clients use this provider to retrieve SCSI HBA information such as maximum data width, chip type, and maximum transfer rate of the system. In the HP SMH home page, the **SCSI-HBA** menu item in the **Storage** category internally uses the SCSI provider to retrieve and display information about SCSI cards.

**Table 21 HP-UX WBEM SCSI Provider**

<b>Product Version</b>	<b>HP-UX Release</b>	<b>Explicit Dependency (install time)</b>	<b>Implicit Dependency (run time)</b>
B.11.11.01	11i v1	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.23.0612	11i v2 December 2006	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.11.0809	11i v1 September 2009	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.23.0809	11i v2 September 2009	WBEM Services version A.02.05 or later	SysMgmtWeb
B.11.31.0809	11i v3 September 2009	WBEM Services version A.02.05 or later	SysMgmtWeb

## 5 Support and other resources

HP System Management Homepage (HP SMH) and HP SMH management plug-ins are dependant on various software products during install time and application run-time. The *HP Systems Management Homepage Dependency Matrix* document provides this dependency information specific to HP-UX for the various versions of SMH plug-ins as well as HP-UX releases.

**NOTE:** This document does not include information about hardware dependency for the software products mentioned in this document. For detailed information about hardware and software requirements, see the release notes and other documents of the respective software product.

### Typographic conventions

**Table 22 Conventions**

<i>Book Title</i>	Title of a book or other document.
command	Command name or qualified command phrase.
computer output	Text displayed by the computer.
find(1)	Manual page (manpage). In this example, "find" is the manpage name and "1" is the manpage section.

### Related information

This section lists the HP SMH documentation and related HP documentation.

#### HP SMH and related documentation

For more information about HP SMH, see the following:

- ***HP System Management Homepage Release Notes***  
The release notes provide documentation for what's new with the release, features and change notifications, system requirements, and known issues. The release notes are available on the HP Technical Documentation Web site at <http://www.hp.com/go/hpux-core-docs>.
- ***HP System Management Homepage Help System***  
The help system provides a complete set of documentation for using, maintaining, and troubleshooting HP SMH. In the HP SMH application, go to the **Help** menu.
- ***HP System Management Homepage Installation Guide***  
The install guide provides information about installing and getting started using HP SMH. It includes an introduction to basic concepts, definitions, and functionality associated with HP SMH. The install guide is available on the HP Technical Documentation web site at <http://www.hp.com/go/hpux-core-docs>. Also, for Linux and Windows releases, the install guide is available on the Management CD and at the HP SMH web page at <http://h18013.www1.hp.com/products/servers/management/agents/documentation.html>.
- ***Simplifying single-system management on HP-UX 11i – HP System Management Homepage (HP SMH)***  
A white paper that introduces HP SMH and its various plug-ins. The use cases involving HP SMH plug-ins described in this document highlight the features provided by HP SMH. The white paper is available in the Network and Systems Management category on the HP Technical Documentation web site at <http://www.hp.com/go/hpux-core-docs>.

- ***hpsmh* (1m) manpage**  
For HP-UX releases, the manpage is available from the command line using the `man hpsmh` command. This information is not available for Linux and Windows.
- ***smhstartconfig* (1M) manpage**  
For HP-UX releases, the manpage is available from the command line using the `man smhstartconfig` command. This information is not available for Linux and Windows.
- ***sam* (1M) manpage**  
For HP-UX releases, the manpage is available from the command line using the `man sam` command.
- ***smh* (1m) manpage**  
This command is available in HP-UX 11i v3 (B.11.31) only. This is an enhanced version of the `sam(1m)` command. For HP-UX releases, the manpage is available from the command line using the `man smh` command. This information is not available for Linux and Windows.
- ***smhassist* (1m) manpage**  
For HP-UX 11i v3 (B.11.31) and HP-UX 11i v2 (B.11.23) operating system releases, the manpage is available from the CLI using the `man smhassist` command. This information is not available for HP-UX 11i v1 (B.11.11), Linux, and Windows operating systems.
- **HP System Management Homepage website**
  - HP SMH web site at <http://www.hp.com/go/smh> provides product and support information.
  - Software Depot web site at <http://www.hp.com/go/softwaredepot> allows you to download the software for HP-UX (search for System Management Homepage in the depot site).
- **HP ProLiant Essentials software page**  
This web page is at <http://www.hp.com/servers/manage>.

## Publishing history

The document publishing date and part number indicate the document's current edition. The publishing date changes when a new edition is printed. Minor changes might be made at reprint without changing the publishing date. The document part number changes when extensive changes are made.

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**Table 23 Publishing History**

Manufacturing Part Number	Document Edition	Publication Date
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## Product support

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