

# HP System Management Homepage V2.2-1 for OpenVMS Release Notes



© Copyright 2012 Hewlett-Packard Development Company, L.P.

Confidential computer software. Valid license from HP required for possession, use or copying. Consistent with FAR 12.211 and 12.212, Commercial Computer Software, Computer Software Documentation, and Technical Data for Commercial Items are licensed to the U.S. Government under vendor's standard commercial license. The information contained herein is subject to change without notice. The only warranties for HP products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. HP shall not be liable for technical or editorial errors or omissions contained herein.

Intel and Itanium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Microsoft and Windows are U.S. registered trademarks of Microsoft Corporation.

---

# Contents

1 HP SMH for OpenVMS.....	4
Product Documentation.....	4
Features.....	4
Features in HP SMH V2.2-1 Patch Release for Integrity servers.....	4
Features in HP SMH V2.2.....	4
System Requirements.....	4
Supported Operating System Versions.....	4
Disk Requirement.....	4
Software Requirements.....	5
Supported TCP/IP Stacks.....	5
Supported Browsers.....	5
Problems Corrected.....	5
Known Issues and Limitations.....	5
Environmental.....	5
Login.....	6
LSI SAS 1068x Related.....	6
Others.....	6
HP Encourages Your Comments.....	6

---

# 1 HP SMH for OpenVMS

HP System Management Homepage (HP SMH) for OpenVMS is a web-based interface that consolidates and simplifies single system management of HP servers running OpenVMS, HP-UX, Linux, and Microsoft Windows operating systems. It aggregates and displays data collected from web agents.

HP SMH enables system administrators to view in-depth hardware configuration and status data, performance metrics, and system thresholds using a single, easy to use interface.

## Product Documentation

The following are the other documents available for HP SMH:

- ***HP System Management Homepage Installation Guide***  
This document provides information about installing and getting started using HP SMH.
- ***HP System Management Homepage Help System***  
The help system provides a complete set of documentation for using, maintaining, and troubleshooting HP SMH. To access the help system, go to the **Help** menu in the HP SMH application.

## Features

This section addresses the following topics:

- Features in HP SMH V2.2-1 Patch Release for Integrity servers
- Features in HP SMH V2.2

### Features in HP SMH V2.2-1 Patch Release for Integrity servers

HP SMH V2.2-1 now supports rx2800 i2 server and BL8x0c i2 server blades.

### Features in HP SMH V2.2

HP SMH V2.2 now displays the information about the HP Smart Array P411 controller and its connected physical disks.

## System Requirements

This section describes the minimum system requirements for OpenVMS systems to run HP SMH.

## Supported Operating System Versions

HP SMH V2.2-1 and SMH V2.2 for OpenVMS are supported on OpenVMS V8.4 for Integrity servers.

## Disk Requirement

HP SMH must be installed only on ODS-5 disks. To check if the disk is an ODS-5 disk, enter the following DCL command:

```
$Show Device <devicename> /FULL
```

You can run the installation from a non ODS-5 disk to a system that has ODS-5 disk by using the `/Destination` qualifier.

## Software Requirements

The following software is required for HP SMH for OpenVMS:

- HP SSL V1.4
- HP Secure Web Server V2.1-1
- CSWS\_PHP V2.1

## Supported TCP/IP Stacks

HP SMH for OpenVMS is supported on TCP/IP V5.7–5.

---

**NOTE:** HP SMH V2.2 for OpenVMS is not qualified on MultiNet or TCPware.

---

## Supported Browsers

HP SMH for OpenVMS supports the following web browsers:

- Internet Explorer 6.x and 7.x
- HP Secure Web Browser V1.7-13 with the required Java plug-in

## Problems Corrected

The following problems reported in HP SMH V2.2 are corrected in the HP SMH V2.2–1 patch release:

- On rx2800 i2 server, the SMH\$CPQIDA agent information is not displayed. This issue is fixed in this release.
- On BL8x0c i2 server blades, the temperature sensor information is not displayed. This issue is fixed in this release.

The following problems reported in HP SMH V2.0-20 are corrected in the HP SMH V2.2 release:

- When the server is connected with more than 20 disks, SMH hangs while loading the file system space used page. This issue is fixed by implementing pagination on the file system space used page.
- On SMH main page, a warning message is displayed only if more than 50% of power or fan sensors fail. This issue is fixed in this release.
- On Integrity servers, HP SMH displays incorrect number of fan sensors. This issue is fixed in this release.
- On Integrity servers that support iCAP, HP SMH reports CPUs with disabled iCAP cores as "degraded". This issue is fixed in this release. The status of a CPU containing a disabled iCAP core is now reported by HP SMH as "unknown", instead of "degraded".
- Executing SMH\$RUN\_SNMPAGENTS.COM command resulted in a DCL error message. This issue is fixed in this release.

## Known Issues and Limitations

### Environmental

- The environmental information is displayed four or five minutes after you start HP SMH on Integrity servers.
- For HP Integrity server rx7620 and rx8620, HP SMH does not display the temperature-related information due to hardware restrictions.

- Environmental information such as fan and power sensors may disappear sporadically during the continuous refresh of the main page. The workaround for this issue is to wait for 10 seconds before next refresh of the main page.
- For HP Integrity blade servers, HP SMH does not displays the power and fan-related information due to hardware restrictions.

## Login

- On HP SMH session time out a login page is displayed. Entering the correct login credentials in this login page will redisplay the same login page. Open a new browser and relogin again.
- A wrong SNMP read or write community in `SMH$SPECIFIC: [CONF] SNMPCOMMUNITY_CONFIG.DAT` displays blank page without the hardware details in the HP SMH home page.

## LSI SAS 1068x Related

- The status of the physical disk that does not contribute to a logical unit is displayed as OK. A Trap is generated only if a new disk is inserted or an existing disk is removed. The error state of the physical disk is not detected.
- The SAS discovery is based on a poll approach, the poll interval being 30 seconds. If a disk operation is performed (such as manually removing a physical disk and placing it back in the same slot) within the poll interval, the changes are not reflected in the status of the physical disk or logical unit. In this case HP SMH does not generate a Trap.
- HP SMH does not generate Traps when logical units are created or deleted.

## Others

- Firmware revision is not available on Integrity servers
- HP SMH supports only English language
- When a PKCS # 10 Certificate Request is created, the location of the file is wrongly displayed as `/apache$root/sslshare/req_cr.pem`. The correct location is `SMH$SPECIFIC: [SSLSHARE] req_cr.pem`.

## HP Encourages Your Comments

HP welcomes your comments on this document. To make comments and suggestions about product documentation, send a message to:

[openvmsdoc@hp.com](mailto:openvmsdoc@hp.com)

Include the document title, manufacturing part number, and any comment, error found, or suggestion for improvement you have concerning this document.