
2 Getting Started

To get started with *HP System Management Homepage* (HP SMH), use the following information as a guideline for configuring HP SMH and then setting up users and security properly.

To configure HP SMH:

- On HP-UX Operating Environments, HP SMH is installed with default settings. You can change the configuration by modifying the environment variables and tag values set in the `/opt/hpsmh/sbin/envvars`, `/opt/hpsmh/conf.common/smhpd.xml`, and `/opt/hpsmh/conf/timeout.conf` files.
- On Linux operating systems, HP SMH is installed with default settings. The settings are configurable by using the perl script (`/opt/hp/hpsmh/smhconfig/hpSMHSetup.pl`) located in `/opt/hp/hpsmh/` (on Linux x86 and x86_64) and in Itanium systems the perl script is located in `/opt/hp/hpsmh/smhconfig/hpSMHSetup.sh`.
- On Windows operating systems, the installation enables you to configure the HP SMH settings during installation.



NOTE: To change the configurations for the HP-UX, Linux, and Windows operating systems, see the *HP System Management Homepage Installation Guide* on the HP Technical Documentation Web site at <http://docs.hp.com>.

To set up user access and security properly:

1. Add user groups to effectively manage user rights: “User Groups”
2. Configure the trust mode: “Trust Mode”
3. Configure local or anonymous access: “Local/Anonymous Access”

Related Topics

- [Logging In](#)
- [Configuring Firewall Settings](#)
- [Automatically Importing Certificates](#)
- [Logging Out](#)

Logging In

The **Login** page enables you to access the **Home** page, which contains the available *HP Insight Management Agents*.

Starting HP System Management Homepage (HP SMH) from Internet Explorer

To log in to the HP SMH with Internet Explorer:

1. Navigate to `https://hostname:2381/`.



NOTE: If you are browsing to an HP-UX server, by default you must instead use the *URI*: `http://hostname:2301/`.

By default, HP-UX is installed with the `autostart` feature enabled. A daemon listens on port 2301 and only starts HP SMH on port 2381 when requested, then stops it again after a timeout period. You can also configure HP SMH to always be running on port 2381. See the `smhstartconfig(1M)` command for more information. If the `Start on Boot` feature is enabled (instead of `autostart`) a message window explains the security features. You can wait a few seconds to be redirected to port 2381 or click the link at the bottom of the message. The System Management Homepage Login page will appear.

You can find procedures on how to change the configuration variables in the *HP System Management Homepage Installation Guide* on the HP Technical Documentation Web site at <http://docs.hp.com>.

2. The first time you browse to this URI, the **Security Alert** dialog box appears, asking you to indicate whether to trust the server. If you do not import the *certificate*, the **Security Alert** appears every time you browse to HP SMH.



NOTE: If you want to implement your own *Public Key Infrastructure* (PKI) or install your own generated certificates into each managed system, you can install a *certificate authority* Root Certificate into each browser to be used for management. If this is implemented, the **Security Alert** dialog box does not appear. If the alert appears when you do not expect it, you might have browsed to the wrong system. You can refer to the online help in your browser for more information about installing the **certificate authority Root Certificate**.

3. Click **Yes**.

The **Login** page appears. If you have enabled **Anonymous** access, then System Management Homepage appears.

4. Enter your user name that is recognized by the operating system.

On HP-UX, HP SMH initially only allows access to the root user, on Linux access is initially allowed to users belonging to the root operating system group, and on Windows to users belonging to the Administrators operating system group. If the user credentials cannot be authenticated, the user is denied access. After logging into HP SMH as one of the initially allowed users, you can use the Security Settings to grant access to users in different operating system groups.



NOTE: In most cases, the **administrator** on Windows and **root** on HP-UX or Linux have administrator access on HP SMH.

5. Enter the password that is recognized by the operating system.
6. On HP-UX, click **Sign In**. On Linux and Windows, click **Login**. System Management Homepage appears.

Starting HP SMH from Mozilla or Firefox

To log in to HP SMH with Mozilla or Firefox:

1. Navigate to **https://hostname:2381/**.



NOTE: If you are browsing to an HP-UX server, by default you must instead use the *URI*: **http://hostname:2301/**.

By default, HP-UX is installed with the `autostart` feature enabled. A daemon listens on port 2301 and only starts HP SMH on port 2381 when requested, then stops it again after a timeout period. You can also configure HP SMH to always be running on port 2381. See the `smhstartconfig(1M)` command for more information. If the `Start on Boot` feature is enabled (instead of `autostart`) a message window explains the security features. You can wait a few seconds to be redirected to port 2381 or click the link at the bottom of the message. The System Management Homepage Login page will appear.

You can find procedures on how to change the configuration variables in the *HP System Management Homepage Installation Guide* on the HP Technical Documentation Web site at <http://docs.hp.com>.

The first time you browse to the URI, the **Website Certified by an Unknown Authority** dialog box appears, asking you to indicate whether to trust the server. If you do not select **Accept this certificate permanently**, the **Website Certified by an Unknown Authority** dialog box appears every time you use a browser.

2. Click **OK**.

The **Login** page appears. If you have enabled **Anonymous** access, then System Management Homepage appears.

3. Enter your user name that is recognized by the operating system.

On HP-UX, HP SMH initially only allows access to the root user, on Linux access is initially allowed to users belonging to the root operating system group, and on Windows to users belonging to the Administrators operating system group. If the user credentials cannot be authenticated, the user is denied access. After logging into HP SMH as one of the initially allowed users, you can use the Security Settings to grant access to users in different operating system groups.



NOTE: In most cases, the **administrator** on Windows and **root** on HP-UX and Linux have administrator access on HP SMH.

4. Enter the password that is recognized by the operating system.
5. On HP-UX, click **Sign In**. On Linux and Windows, click **Login**.
System Management Homepage appears.

Starting HP SMH from HP SIM

To start HP SMH by logging in to HP SIM with a Web browser:

1. Navigate to `https://hostname:50000/`.

The first time you browse to this link, the **Security Alert** dialog box is displayed, asking you to indicate whether to trust the server. If you do not import the *certificate*, the **Security Alert** is displayed every time you browse to HP SIM.



NOTE: If you want to implement your own *Public Key Infrastructure* (PKI) or install your own generated certificates into each managed system, you can install a certificate authority Root Certificate into each browser to be used for management. If this is implemented, the **Security Alert** dialog box does not appear. If the alert is displayed when you do not expect it, you might have browsed to the wrong system. You can refer to the online help in your browser for more information about installing the **certificate authority Root Certificate**.

2. Click **Yes**.

The **Login** page is displayed.

3. Enter a user name that is recognized by the operating system.
4. Enter a password that is recognized by the operating system.
5. Click **Sign In**.
6. Select **Tools**→**System Information**→**System Management Homepage**.
7. Select a target system from the list.
8. Select a checkbox next to a target system. Click **Apply**.
9. Verify the target system by selecting a checkbox next to the system. Click **Run Now**.

The **Security Alert** dialog box is displayed, asking you to indicate whether to trust the server. If you do not import the *certificate*, the **Security Alert** is displayed every time you browse to HP SMH.

The System Management Homepage is displayed.

Starting from the HP-UX Command Line

When you run either the `sam` or `smh` command and the `DISPLAY` environment variable is set, HP SMH opens in the default web browser. If the `DISPLAY` environment variable is not set, HP SMH opens in the TUI. Most of the applications for performing administration tasks are now available through the web-based GUI interface and an enhanced TUI. However, few applications continue to open in ObAM based X-windows or ObAM based TUI.

You are recommended to use the `smh(1M)` command. However, the `sam(1M)` command will continue to be available and behave just as the `smh(1M)` command. Some of the functional areas previously available for system administration are obsolete. These areas are listed in the *HP-UX 11i Release Notes* available on the HP Technical documentation web site at <http://docs.hp.com>.

HP SMH Management Server

By default, the HP SMH management server under HP-UX only starts on demand. It does not run continually. A daemon listens on port 2301 to start an instance of the management server. On Linux, HP SMH is started on boot.

Related Topics

- Getting Started
- Configuring Firewall Settings
- Automatically Importing Certificates
- Logging Out
- HP SMH Pages