

# Intel<sup>®</sup> Storage System SSR212CC Enclosure Management Software Installation Guide

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*For Red Hat\* Enterprise Linux*

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Order Number: D58855-002

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# Features

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## About the Intel® Storage System SSR212CC Enclosure Management Software

The Intel® Storage System SSR212CC Enclosure Management Software is a basic management interface that allows remote configuring and monitoring of the Intel® Storage System SSR212CC from a web-based user interface (UI) anywhere in the world.

The following Intel® Storage System SSR212CC Enclosure Management Software features are supported:

- Configuring of *Administrator Password*
- Configuring of *Email Alerts*
- Configuring of *Network Interfaces*
  - IP, Subnet Mask, Gateway
- Configuring Storage System *Date/Time*
- Configuring Storage System *Name*
- *Shutdown or reboot* of Storage System
- Monitoring of Storage System *Event Logs*
- Monitoring of Storage System *Hardware Information*
  - Hard Disk Drive Status
    - Disk OK, Disk Failed, Disk Missing
  - Processor(s) Status
  - Fan Status
  - Power Supply(s) Status
  - Network Interface(s) Status
  - LED Status
  - Temperature Status

# Installation

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## Configuration Requirements

- Storage platform: Intel® Storage System SSR212CC (with system memory and hard disk drives installed).

**NOTE: Please reference the *Intel® Storage System SSR212CC Tested Hardware & OS List (THOL)* for supported hard disk drives and the *Intel® Storage System SSR212CC Tested Memory List (TML)* for supported memory, available from [support.intel.com](http://support.intel.com)  
<http://intel.com/support/motherboards/server/ssr212cc/index.htm>**

- Supported operating system: Red Hat\* Enterprise Linux Server Edition 4 Update 2, pre-installed on the Intel® Storage System SSR212CC.
- Supported browser: Mozilla\* Firefox®

## Installation Instructions

**Note:** The Intel® Storage System SSR212CC Enclosure Management Software is supplied in a gzip'ped file, *filename.zip*, available on the Intel® Storage System SSR212CC Resource CD or via download from [support.intel.com](http://support.intel.com) <http://intel.com/support/motherboards/server/ssr212cc/index.htm>

To install the Intel® Storage System SSR212CC Enclosure Management Software, perform the following steps:

1. Load the *filename.zip* file into a suitable directory.
2. Log in to the target system as `root`.

**NOTE: If you don't know how to do perform step 2 above, consult your system administrator before continuing.**

3. Create a working directory under `/tmp`  
`mkdir /tmp/SSR212CC_EM`
4. Copy the gzip'ped file into that directory.
5. Unzip the distribution file.  
`unzip filename.zip`
6. Install *filename* by executing  
`./cc_install.sh`

Once the proceeding six steps have been successfully accomplished, the Intel® Storage System SSR212CC Enclosure Management Software can be accessed by selecting the IP address of the target machine from your web browser.

To log in, use the following user name and password:

User name: **webadmin**

Password: **webadmin**

# Help System

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## About Help System

Contained within the Intel® Storage System SSR212CC Enclosure Management Software is an extensive on-line HELP SYSTEM Menu. To learn how to use the Enclosure Management Software features, invoke the HELP SYSTEM as follows:

- Click on the Help text link in the upper left portion of the web-based UI.
- The HELP SYSTEM Main Menu will display as illustrated below.

**Welcome to the Intel® Storage System SSR212CC Enclosure Management Software Help System.  
What would you like to do?**

CONFIGURE	VIEW	ADMINISTER	MANAGE	OTHER
<a href="#">server name</a>	<a href="#">system information</a>	<a href="#">local users</a>	<a href="#">Server Settings</a>	<a href="#">shutdown</a>
<a href="#">date and time</a>	<a href="#">hardware information</a>	<a href="#">local groups</a>	<a href="#">Network Settings</a>	<a href="#">reboot</a>
<a href="#">Email alerts</a>	<a href="#">disks</a>	<a href="#">NIS domain</a>	<a href="#">SSH access</a>	
<a href="#">network interfaces</a>	<a href="#">event log</a>	<a href="#">Windows domain</a>	<a href="#">Users</a>	
-	<a href="#">alerts and messages</a>	<a href="#">set Administrator password</a>	<a href="#">Groups</a>	

Or go to the [main menu](#) (Admin Home).

# Re-branding (optional)

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## About Re-branding

For Intel® Storage System SSR212CC customers who want to re-brand the Enclosure Management Software *Web based User Interface (UI)*, there are several Intel® branded items contained within the web-based UI that can be replaced with your company information. You can:

- Replace the Intel® Storage System SSR212CC *product name* with your company product name.
- Replace the Intel® *logo and website URL* with your company logo and website URL.
- Replace the Intel *support ICON and website URL* info with your company support ICON and website URL.

## How to re-brand

To re-brand the Intel® Storage System SSR212CC Enclosure Management Software *Web UI*, perform any or all of the following steps:

1. Log onto the Intel® Storage System SSR212CC as *root*.
2. Close the Intel® Storage System SSR212CC Enclosure Management Software application.
3. Open the file: `/etc/webui.xml`, with “Text Editor”.
4. To change the Product Name, replace the bolded text below with your company information.

```
<MENU>
<NAME>Admin Home</NAME>
<TITLE>Welcome</TITLE>
<DESCRIPTION> Welcome to the Web UI for the Intel® Storage System
SSR212CC</DESCRIPTION>
```

5. To change the Intel logo and website URL, save a file with your company logo (named *logo.gif*) in the following location: `/var/www/html/webui/images.`, and change the bolded text below in the `webui.xml` file with your company name and website URL. Change the path: `images/intel_logo.jpg` to `images/logo.gif` in the `webui.xml` file.

```
<OEM>
<NAME>Intel</NAME>
<LINK>http://developer.intel.com/products/server/storage</LINK>
<IMAGE>images/intel_logo.gif</IMAGE>
</OEM>
```

6. To change the Intel support ICON and website URL, save a file with your company support ICON (named *support.jpg*) in the following location: `/var/www/html/webui/images.`, and change the bolded text below in the `webui.xml` file with your company support website URL.

```
<BANNER>
<NAME>Support</NAME>
<LINK>http://developer.intel.com/products/server/storage</LINK>
<IMAGE>images/support.jpg</IMAGE>
</BANNER>
```

7. Re-start the Intel® Storage System SSR212CC Enclosure Management Software application.