

# Installing the SC072-PDS v3.0 Software from DVD

Note: New systems already have SW installed and there is no need to load the DVDs. The procedure below is for reloading damaged installations and it will entirely replace all information on the disk. Please backup all key data and settings before starting this installation.

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The DVD distribution consists of two DVDs:

- DVD-1 SiCortex Red Hat® ENTERPRISE LINUX® 5 Software
- DVD-2 SiCortex Workstation and Node Software

## Installing Red Hat® DVD-1

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1. Place DVD-1 into a powered-up SC072-PDS and press the reset button on the front panel.
2. After ~25 minutes, the Congratulations screen will request a reboot. (If there is a “kickstart” error, click “reboot”).
3. Click the reboot screen button, listen for a beep, and then remove DVD-1 immediately. (If you delay, the **Red Hat® ENTERPRISE LINUX® 5** software install process repeats.)

## Booting RedHat and then Installing SiCortex DVD-2

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1. Allow the reboot to continue. (Ignore crash kernel, eth and NFS failure messages; these are benign)
2. Log in as username: **root** password: **sicortex**
3. Place DVD-2 in the DVD drive.
4. Wait 15 seconds for a pop-up window to appear, but do not interact with it.
5. Right-click the desktop, and open a terminal from the pop-up menu.
6. Type **bash /me**(press **tab**) **S**(press **Tab**) **I**(press **Tab**), then press **ENTER**.  
The full command is:  
`bash /media/SiCortex\ Linux\ 3.0\ \(\r98\)\ 2_2/INSTALL.sh`
7. When it is done (30 minutes) the machine reboots automatically.
8. When it reboots, remove DVD-2 and log in with: username: **root** password: **sicortex**
9. Right-click the desktop to open another terminal.
10. Type **scboot** to boot the nodes.  
(You need not supply the -p sca argument to scboot.)
11. After 2 minutes of setup plus about 185 seconds on the timer, the nodes should be done booting.
12. Type **sinfo**. Twelve nodes should be *Idle*.
13. Test the installation. Log into the head node (sca-m0n8) and ping the other nodes:  
`ssh head`  
`ping sca-m0n[07,9-11]`
14. If the installation proves successful, restore any data you backed up to its proper location.

For more information, see the user documentation, on line at

[http://www.sicortex.com/support/user\\_documentation](http://www.sicortex.com/support/user_documentation).