

Booting Server From CD

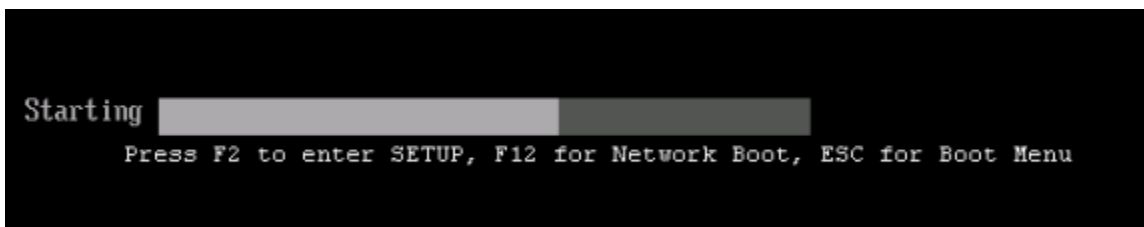
After you have the Live CD software written to CD ([Writing ISO Files CDs](#)), you can boot the server you want to restore from this CD. Follow the instructions below.



Note

The Bare-Metal Restore Live CD is based on the Debian Live Linux distribution. A number of modifications have been made to Debian including removing unnecessary packages to make the ISO size smaller, configuring the Agent to start automatically at boot, and adding the option to start SSH after configuring network settings.

1. Boot your server. Insert the CD into the CD Drive. During the first seconds of boot, press the required key combination to activate BIOS Boot Menu. If your BIOS does not have the Boot Menu feature, enter BIOS setup and instruct BIOS to use CD or DVD as a first boot device. On the screenshot below, Boot Menu is activated by pressing Esc.



2. If you have the Boot Menu feature, select CD-ROM from the BIOS boot. The example Boot Menu is shown below.



3. Immediately after loading, the Debian boot menu will be displayed on the screen. The menu contains four items, but all except the first one are almost never used.

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GNU GRUB  version 0.97  (638K lower / 1046464K upper memory)

R1Soft Baremetal, kernel 2.6.26-2-686
R1Soft Baremetal, kernel 2.6.26-2-686 (safe mode)
R1Soft Baremetal, kernel 2.6.26-2-686 (serial console)
R1Soft Baremetal, kernel 2.6.26-2-686 (safe mode) (serial console)

Use the ↑ and ↓ keys to select which entry is highlighted.
Press enter to boot the selected OS, 'e' to edit the
commands before booting, or 'c' for a command-line.

The highlighted entry will be booted automatically in 3 seconds.

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Press <Enter> to boot Debian from LiveCD. You will see a lot of debug text messages from Linux kernel. Finally, you should see the red ASCII-art R1Soft logo, very short help screen, and the root shell.

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Switching to guest configuration: done
Guest operating system daemon: done
Starting MD monitoring service: mdadm --monitor.
Starting periodic command scheduler: crond.
[ 20.080004] hcpdriver: module license 'Proprietary' taints kernel.
[ 20.085525] hcp: INFO: hcp driver loaded: 4.1.1 build 12353
/etc/rc2.d/S99cdp-agent start: cdp started
You must set the username and password for the default user.
Run '/usr/bin/r1soft-setup --help' for options

  R1Soft

Disaster Recovery -- Debian-Live Edition
Version

configure network with 'netconfig'

tty consoles are available by pressing Alt+(F1-F8)
agent logs are on Alt+F2
r1soft-recovery:~# _

```

To start the Bare-Metal Restore process, first you need to configure the network on the server. See [Configuring Network for Bare-Metal Restore](#).