

Table Of Contents

Table Of Contents 1

More about images 2

Step # 1: Copy boot.iso to /tmp 2

Step # 2: Insert blank CD R/RW media 2

Write diskboot.img to floppy This is optional and use the dd command to copy the image to the floppy / usb pen: # dd | 2

[Home](#) > [Faq](#) > [CentOS](#)

How to Create Bootable Linux CD

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Q. I'm using CentOS Linux and I'd like to create bootable Linux CD for the same. How do I create an installation boot disk?

A. You need to find images/ directory located on CentOS / Fedora / RHEL or any other Linux distribution. This directory contains image files that can be used to create media capable of starting the Linux installation process.



[1]

More about images

- **boot.iso** - The boot.iso file is an ISO 9660 image of a bootable CD-ROM. It is useful in cases where the CD-ROM installation method is not desired, but the CD-ROM's boot speed would be an advantage. To use this image file, burn the file onto CD-R (or CD-RW) media as you normally would.
- **diskboot.img** - The diskboot.img file is a VFAT filesystem image that can be written to a USB pendrive or other bootable media larger than a floppy. Note that booting via USB is dependent on your BIOS supporting this. It should be written to the device using dd.

Step # 1: Copy boot.iso to /tmp

Type the following command,

```
# cp boot.iso /tmp
```

Unmount cdrom

```
# cd; eject
```

Step # 2: Insert blank CD R/RW media

Find device name:

```
# cdrecord -scanbus
```

Write /tmp/boot.iso to blank cd, enter:

```
# cdrecord -v -dao dev=1,0,0 /tmp/boot.iso
```

Replace 1,0,0 with your actual device name obtained using cdrecord -scanbus command. See how to [burn ISO images to Cds and CD-RWs under Linux](#) ^[2] for more information.

Write diskboot.img to floppy

This is optional and use the dd command to copy the image to the floppy / usb pen:

```
# dd if=diskboot.img of=/dev/fd0 bs=1440k
```

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[2] burn ISO images to Cds and CD-RWs under Linux: <http://www.cyberciti.biz/faq/linux-burn-iso-images-to-cds-and-cd-rws-howto/>

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