

Linux live (rescue boot) OSes

- [Knoppix](#)
 - [Usage notes](#)
- [GRML](#)
 - [Usage notes](#)
 - [Activate all the RAID arrays](#)
 - [Activate all the LVs](#)
- [Crowbar](#)

Knoppix

From [Wikipedia](#):

Knoppix was one of the first Live CD Linux distributions to gain popularity.^[7] There are several factors that contribute to the popularity of Knoppix:

- *Knoppix was one of the first Live CDs available, and is known as the "original" Debian-based Live CD*
- *Its extensive hardware detection allows most systems to start Knoppix without any configuration*
- *Its ability to automatically connect to most kinds of [networks](#)^[citation needed]*
- *Its utilities for system repair and troubleshooting*

Used by Blue Light (Charles and Sam) as alternative to GRML.

.iso and related files available in `rose:home/share/resources/iso-images/Knoppix/KNOPPIX_V7.2.0CD-2013-06-16-EN` and can be downloaded via <http://www.knopper.net/knoppix/index-en.html>

Usage notes

Assuming Knoppix is being used for maintenance work on a standard Blue Light installation of Debian or Ubuntu, after Knoppix has booted and the lxde desktop appears:

1. Start a terminal session.
2. Become root (no password required):
`su -`
3. Activate all the RAID arrays:
`mdadm --startall`
Reference: <http://wiki.bluelightav.org/display/BUE/RAID+with+MDADM#RAIDwithMDADM-Startthearraysatonce>
4. Find and activate the volume groups:
`vgscan`
`vgchange -ay`
Reference: <http://wiki.bluelightav.org/display/BUE/LVM#LVM-ActivateLVMS>
5. The file systems on the LVs will automatically be mounted under `/media`.

GRML

Used by Blue Light as an alternative to Crowbar.

Includes a version for i386 and amd64.

Iso available as `rose:/home/share/resources/iso-images/other/grml96-full_2013.02.iso` and can be downloaded from: <http://grml.org/>

Usage notes

At boot choose the version according to your CPU architecture

Activate all the RAID arrays

<http://wiki.bluelightav.org/display/BUE/RAID+with+MDADM#RAIDwithMDADM-Startthearraysatonce>

Activate all the LVs

<http://wiki.bluelightav.org/display/BUE/LVM#LVM-ActivateLVMS>

Crowbar

Former rescue system used by Blue Light and developed by the other Manu 😊 Not developed anymore and does not include some of the tools we need (LVM).

<http://wiki.bluelightav.org/x/xAV8>