

EGI Hands-On Training for AEGIS Site Administrators
School of Electrical Engineering of the University of Belgrade

Operating system installation

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- Linux is a computer operating system assembled under the model of free and open source software development and distribution
- Created by Linus Torvalds with assistance from programmers around the world
- Linux is free of charge
- Runs on multiple hardware platforms
- Multi-user, multitasking, multiprocessor

- Manual (interactive)
- Via kickstart
- Installation sources
 - DVD or CD-ROM
 - Hard disk
 - NFS
 - HTTP
 - FTP

- Language Support
- Time Zone
- Root password
- Network configuration
- Hostname configuration

- Installation type
 - Minimal installation
- Manual disk partitioning – usually create:
 - /boot
 - /
 - swap

- Update OS
 - `$ yum update`
- Install and configure NTP service
- Yum auto update should be disabled
- Mount shared filesystems (`/etc/fstab`)
 - `/home`
 - `/opt/exp_soft`
- Create scratch space if needed (`/scratch`)

- Disable SELinux
- Set IP address and DNS
- Set IPTables
- Reboot OS