ATOL: Goals

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Advanced Topics of Linux Administration

Installation

- ▶ Successfully install selected Linux distribution
- ▶ Create a kickstart configuration file and perform automatic installation

- Goals:
  - Deploy LVM on the software RAID device
  - Create a group with two partitions such that new partition could be added, and the filesystem could be extended

Lab: Kernel Services

- ▶ Goals:
    - ▶ A system that does not respond to *ping*
    - ▶ A system that provides /dev/myusbdisk automatically after a reboot.

Lab: Virtualization

- Goals:
    - Create a virtual machine on your computer using kickstart
    - Setup network connection through your 'real' machine
    - Using a LVM snapshots create a new virtual machine from existing one

Lab: Clustering

- Goals:
  - Create 2-node cluster on your virtual nodes
  - Setup fencing device on your physical node and use it in the cluster
  - Create a service that will export NFS mount to other computers in your subnet