**Anaconda** (OS installations – not packages)

**Deployment:**

PXE client – DHCP server

\*\* need to press on f12 to boot from pxe and then press TAB to view or edit the configurations commands (example for kick start ks=https://SERVERNAME/FILE.cfg)

In the deployment server we need access to: /var/lib/tftpboot (the folder that we will be after we turn to the deployment server)

In the folder we have a file named ***pxe\_linux0***, also we have another folder named ***pxelinux.cfg***, inside the folder there are a few files: ***default,***inside the file there's the configuration of the deployment (what OS you want etc..).

For the deployment process we need two files: *vmlinuz and initrd* (taking care of disk configurations).

Inside the ***pxelinux***.cfg file there's the image configurations:

Inst.stage – installation path

Kernel – kernel path (usually vmlinuz)

**DHCP server**

/etc/dhcp/dhcp.conf

**Kick start –** answers files (like the windows .xml)

For any installation we do manually there`s a Kick start file that created and we can use it for the next installations

\*\* need to install with yum kick-start for UI kick start configuration

\*\*system-config-kickstart – (command to run UI installation)

Have 4 levels:

* Permissions, codding, partitions, installations media
* Pre-installations script – command before the commands
* Package installation script – commands for the installation
* Post-installations – commands script for the post installations

Every level begins with **%**