
Kickstart file generator

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- ❖ **The basic installation of the node will be managed with existing tool (RedHat Anaconda), so we can concentrate our efforts on farm management**
- ❖ **When a new RedHat version will be supported, we will recycle its installation tool: we will have only to review the KickStart generator, not the whole installation process**
- ❖ **Investigate if this could help with brand new hardware?**

- ❖ **Use libraries already available for LCFG → Perl**

- ❖ **Get as input**
 - **XML profile**
 - **a kickstart template**

- ❖ **To be clarified: RedHat 7.x support only?**

- ❖ **The informations to be put in the kickstart file from the LCFG-XML profile should be reduced to the minimum:**
 - **Keep the KS files as simple/standard as possible**
 - **When the base OS is installed LCFG will take control and do the rest of the job”**
- ❖ **Preparing LCFG environment:**
 - **Install only a basic Linux set + LCFG client RPMs**
- ❖ **During the post-install script (or when?) the XML profile is installed (rdxprof)**
- ❖ **At the next boot:**
 - **Start monitoring system (to be investigated...)**
 - **LCFG starts all its components, it will complete the installation of all missing RPMs (e.g. specific of Middleware) and the configuration of other components**

- ❖ **Minimal Configuration data:**
 - Keyboard
 - Language (?)
 - Timezone
 - Additional kernel parameters (bootloader)
 - Network configuration
 - **Partitioning**
 - root pwd (security issue?)
- ❖ **RPMs to create the minimal LCFG environment**
 - Some Perl libraries
 - Packages for LCFGng
- ❖ **Post installation script**
 - Mainly, installation of XML profile (URL of LCFG server)

Suggestions?