How to modify a VM

Modifying the image

```
/etc/init.d/condor.boot stop
rm -rf /home/condor/log/*
yum clean all
rm /etc/hosts /etc/hostname
vi /etc/sysconfig/network
```
and remove HOSTNAME

- RH-based installations
  - `chkconfig firstboot_setNET.sh on`
  - Make sure that the file */etc/sysconfig/network-scripts/ifcfg-eth0* does not contain any hardcoded MAC address.
- Debian-based installation
  - `rm /etc/udev/rules.d/z25_persistent-net.rules`
  - `update-rc.d firstboot_setNET.sh defaults`

Testing the image

It is extremely important to test whether the image operates correctly and will not affect the production environment. Because of that the image should be tested in a dedicated setup. Among the basic test one should examine:

- proper IP address assignment
- condor operating correctly (joining the desired pool)
- presence of changes (installations/configuration modifications)
- presence of AFS for installations of SLC4, SL5
- proper time synchronisation

Saving the image

After sucessfull test the image should be saved in the production repository and deployed in production. In order to save template the steps are:

1. The machine should be stopped.
2. Go to the CVI SOAP () and use the command TemplateCreateRequestOnServer
3. The fields to fill are:
   a. VMName: Name of the VM that will be used to create the template.
   b. TemplateName: Not more than 15 characters.
   c. Description: Has to be the same than the OS in the netops DB.
   d. Template Path: Etics.
   e. Owner: it-gt-admin.
   f. HostGroup: IT-GT\Etics
   g. LibraryServer: it-gt-cvi-srv