Infrastructure Maintenance

How To

Add a WN into the pool

Remove a WN from the pool

Check that a runasroot WN is correctly setup

Find and access an hypervisor of a WN

Problems encountered

OverflowError: modification time overflows a 4 byte field

Log

```
Traceback (most recent call last):
  File "/home/condor/execute/dir_18442/userdir/etics/bin/etics-plugin-manager", line 35, in ?
    import CommandBase
OverflowError: modification time overflows a 4 byte field
```

Cause

Negative uptime encountered

```
uptime
09:57:09 up -24855 days, -3:14
```

Where

Kernels 1.6.*

So far it happened in SLC4 64bit (lxetvm0062)

Solution

reboot the WN

cron job to reboot the WN when no jobs are running
afs_check_server takes up 80% of CPU

**Log**
The WN is then slow and a build takes much longer.

**Cause**
??

**Where**
lxetvm0073 (SLC4 32 bit)

**Solution**
??

Machine dirty with some packages

**Log**
The WN has some rpm installed that should not be there.

**Cause**
Give access to DM to let them make some tests.

**Where**
lxetvm0074

**Solution**
Delete the machine, deploy a new one and do not give more access to them.

Build WN got crazy with time

**Log**
The WN went back to January 1970.

**Cause**
The uptime becomes negative because a bug in kernel 2.6.9
Where

lxetvm0062

Solution

Delete the machine, deploy a new one and setup a cron that checks the uptime.