

centralservices.html

E-grid live-CD

Installation of Central Services

1. *Enter the root and start configuration:*

```
knoppix@0[knoppix]$ sudo bash  
root@0[knoppix]# egrid-conf
```

2. *Make sure your LAN is configured ([help](#))*

2. *Choose Central Services from menu and in the next step choose **Resource Broker***

3. *Choose Set configuration parameters, Set parameters manually*

4. *Define Virtual Organisation name (DEF_VO_NAME) and BDII Hostname (BDII_HN).*

5. *Return to Resource Broker configurator, enter grid-mapfile configuration, and decide for manual (not automatic).*

6. Build configuration files, after being asked for confirmation press Yes. Wait until the configuration is successfully done.

7. Start BDII configuration (from Central services menu).

8. To add a node (hostname) to BDII,

a) select Add, type hostname.

b) Choose GIIIS type configuration.

The node is now already added!

9. To start the Resource broker services, type:

```
[root@1[grid-security]# egrid-rb-conf.sh -s
```

Make sure that all services started correctly ([**OK**], not [**FAILED**]):

Starting MySQL database server: mysqld...already running.

Starting globus-gridftp: [**OK**]

Starting LocalLogger: edg-wl-interlogd and edg-wl-logd.

This is LocalLogger, part of Workload Management System in EU DataGrid. Copyright (c) CERN, INFN and CESNET on behalf of the EU DataGrid.

[10982] Initializing...

[10982] Parse messages for correctness...[10982] yes.

[10982] Send messages also to inter-logger...[10982] yes.

[10982] Store messages with the filename prefix "/var/tmp/dg20logd_"...[10982] yes.

```
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
```

```
edguser 10978 0.0 0.1 20680 2064 ? Ssl 14:06 0:00 /opt/edg/sbin/edg-wl
```

```
...
Starting LBserver: edg-wl-bkserverd
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
edguser 11012 0.0 0.3 8156 3188 ? Ss 14:06 0:00 /opt/edg/sbin/edg-wl
...
Starting LogMonitor... [ OK ]
Starting JobController daemon(s) Starting JobController... [ OK ]
Starting CondorG... [ OK ]
Starting NetworkServer... [ OK ]
starting workload manager... ok
Starting ProxyRenewal Daemon: edg-wl-renewd.
USER PID %CPU %MEM VSZ RSS TTY STAT START TIME COMMAND
edguser 11338 0.0 0.2 7340 2416 ? Ss 14:06 0:00 /opt/edg/sbin/edg-wl
...
Starting lcg-mon-job-status [ OK ]
```

12. *At the end, start the lcg-BDII services:*

```
root@l[grid-security]# /etc/init.d/lcg-bdii start
Starting EGRID SN BDII: Ok
```

The installation of Central Services is now ready.