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# Top BDII for WeNMR

This Top BDII ([bdi-wenmr.pd.infn.it](http://bdi-wenmr.pd.infn.it)) collects information from site BDII's defined in <http://wiki.italiangrid.it/twiki/pub/WeNMR/WebHome/enmr-all-sites.conf> . Since the 9<sup>th</sup> of May 2012 it is an alias to a server hosted at INFN-CNAF ([topbdii-wenmr.pd.infn.it](http://topbdii-wenmr.pd.infn.it)) and supported by IGI.

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## Management instructions

The list of site BDII's is retrieved by the script `/etc/cron.hourly/bdii-siteBDII_list_update`, which downloads a configuration file from the web. After modifying that list, execute this steps to apply quickly the changes (without waiting for cron script execution and cache to be cleaned):

```
/etc/cron.hourly/glite-info-update-endpoints
mv -f /opt/glite/var/cache/gip/top-urls.conf/* /opt/glite/var/cache/gip/top-urls.conf.bak
service bdii restart
```

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## Installation and configuration instructions

This documentation was followed:

- [http://igrelease.forge.cnaf.infn.it/doku.php?id=doc:guides:install-3\\_2](http://igrelease.forge.cnaf.infn.it/doku.php?id=doc:guides:install-3_2)

Steps executed on [bdi-wenmr.pd.infn.it](http://bdi-wenmr.pd.infn.it) (SL5 x86\_64):

```
cd /etc/yum.repos.d/
wget http://grid-it.cnaf.infn.it/mrepo/repos/sl5/x86_64/dag.repo
wget http://grid-it.cnaf.infn.it/mrepo/repos/sl5/x86_64/ig.repo
wget http://repository.egi.eu/sw/production/cas/1/current/repo-files/egi-trustanchors.repo
wget http://grid-it.cnaf.infn.it/mrepo/repos/sl5/x86_64/glite-bdii_top.repo

yum install lcg-CA
yum install ig_BDII_top
```

Used these variables in yaim configuration file:

```
[root@bdi-wenmr ~]# cat /usr/local/nfs/3_2/nodes/bdi-wenmr.pd.infn.it
BDII_HOST=bdi-wenmr.$MY_DOMAIN
VOS="enmr.eu"
```

```
/opt/glite/yaim/bin/ig_yaim -c -d 6 -s /usr/local/nfs/3_2/ig-site-info.def.current -n ig_BDII_top
```

edited file `/etc/glite/glite-info-update-endpoints.conf` to have the list - manually managed - of wanted site-BDII:

```
[root@bdi-wenmr ~]# cat /etc/glite/glite-info-update-endpoints.conf
[configuration]
EGI = False
OSG = False
manual = True
# manual_file is manually downloaded from https://wiki.italiangrid.it/twiki/pub/WeNMR/WebHome/enmr
manual_file = /root/enmr-all-sites.conf
output_file = /opt/glite/etc/gip/top-urls.conf
cache_dir = /var/cache/glite/glite-info-update-endpoints
```

get the list of wanted site-BDII from web:

```
wget https://wiki.italiangrid.it/twiki/pub/WeNMR/WebHome/enmr-all-sites.conf -O /root/enmr-all-si
```

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```
service bdii restart
```

executed this steps to obtain immediatly the changes:

```
/etc/cron.hourly/glite-info-update-endpoints  
mv -f /opt/glite/var/cache/gip/top-urls.conf/* /opt/glite/var/cache/gip/top-urls.conf.bak  
service bdii restart
```

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-- MarcoVerlato - 2012-03-08

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