

Table of Contents

GStat 2.0 for WeNMR.....	1
Management instructions.....	1
Installation and configuration instructions.....	1

GStat 2.0 for WeNMR

GStat web page: <http://grid-monitor.pd.infn.it:50080/gstat/>

Access to everybody

Other links:

- <https://grid-monitor.pd.infn.it>
 - ◆ Access requires a certificate (only enmr.eu members??)
- <https://grid-monitor.pd.infn.it/nagios>
 - ◆ Access permitted for enmr.eu members only using personal certificate (authorized DNs are listed in file `grid-monitor:/etc/nagios/htpasswd.users`)
 - ◆ show Nagios implementation used by GStat

Documentation about GStat could be found at <https://svnweb.cern.ch/trac/gridinfo/wiki/GStatOverview>

Management instructions

Nothing to do about published information, a cron keeps them up-to-date.

After a reconfiguration

- change http / https ports to make site visible outside pd.infn.it
 - ◆ edit `/etc/httpd/conf/httpd.conf` changing from 80 to 50080
 - ◆ edit `/etc/httpd/conf.d/ssl.conf` changing from 443 to (not-yet-defined)
-

Installation and configuration instructions

This documentation was followed:

- <https://svnweb.cern.ch/trac/gridinfo/wiki/GStatInstall>
- <http://wiki.pscigrid.gov.ph/index.php/GStat>

Steps executed on grid-monitor.pd.infn.it (SL5 x86_64)

- copied `hostkey.pem` and `hostcert.pem`, with right permissions, in `/etc/grid-security/`

```
cd /etc/yum.repos.d
wget http://grid-deployment.web.cern.ch/grid-deployment/glite/repos/3.2/glite-UI.repo
wget http://grid-deployment.web.cern.ch/grid-deployment/igt/igt.repo
wget http://grid-deployment.web.cern.ch/grid-deployment/dag/el5/dag.repo
wget http://www.sysadmin.hep.ac.uk/rpms/egee-SA1/centos5/x86_64/sa1-release-3-1.el5.noarch.rpm
rpm -ivh sa1-release-3-1.el5.noarch.rpm
yum update
yum remove mysql-5.0.77-4.el5_5.4 mysql-5.0.77-4.el5_5.4
yum install MySQL-client-community MySQL-server-community
yum install gstat-web ca_policy_igt-classic
/etc/init.d/mysql start
chkconfig mysql on
mysql -e "CREATE DATABASE gstat"
mysql -e "GRANT ALL PRIVILEGES ON gstat.* TO 'gstat'@'localhost' IDENTIFIED BY '<GSTAT-PASSWORD>'"
```

- edited `/etc/gstat/gstat.ini` changing:
 - ◆ `DATABASE_PASSWORD:<GSTAT-PASSWORD>`

GsatForWeNMR < WeNMR < TWiki

```
mysqladmin password <MySQL-root-password>  
/usr/share/gstat/manage syncdb
```

- edited /etc/gstat/ref-bdii.conf
 - ◆ # BDII_HOST changed in Febraury, 15th 2011
 - ◆ # BDII_HOST=bdii-enmr.cerm.unifi.it
 - ◆ BDII_HOST=bdii-wenmr.pd.infn.it
 - ◆ BDII_PORT=2170
 - ◆ BDII_BIND=mds-vo-name=local,o=grid
 - ◆ GSTAT_PROD=TRUE
- edited /root/gstat-site-info.def
 - ◆ INSTALL_ROOT=/opt
 - ◆ SITE_NAME=INFN-PADOVA
 - ◆ NAGIOS_HTTPD_ENABLE_CONFIG=true
 - ◆ NAGIOS_NAGIOS_ENABLE_CONFIG=true
 - ◆ NAGIOS_CGI_ENABLE_CONFIG=true
 - ◆ VOS="enmr.eu"
 - ◆ NAGIOS_ADMIN_DNS="/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Cristina Aiftimiei,/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Peter Solagna,/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sara Bertocco,/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Sergio Traldi,/C=IT/O=INFN/OU=Personal Certificate/L=LNL/CN=Simone Badoer,/C=IT/O=INFN/OU=Personal Certificate/L=Padova/CN=Marco Verlato"
 - ◆ NAGIOS_ESCAPE_HTML=0 #Note: this variable is requested even if not mentioned in documentation
- vi /root/vo.d/enmr.eu
 - ◆ VOMS_SERVERS="'vomss://voms2.cnaf.infn.it:8443/voms/enmr.eu?/enmr.eu'
'vomss://voms-02.pd.infn.it:8443/voms/enmr.eu?/enmr.eu'"

```
/usr/bin/gstat-update  
configure-nagios
```

- because of bug #53745 in yaim-core

```
ln -s /bin/true /opt/glite/bin/glite-version
```

- because of permission denied error, edited the file /opt/glite/yaim/functions/config_nagios changing the line
 - ◆ lock_file=/var/run/nagios.pid
- with this:
 - ◆ lock_file=/var/nagios/nagios.pid

```
/opt/glite/yaim/bin/yaim -c -d 6 -s /root/gstat-site-info.def -n GSTAT 2>&1 | tee /root/yaim05.1
```

- edited /etc/httpd/conf/httpd.conf changing httpd port (from 80 to 50080)
 - ◆ Listen 50080

Some months after installation, errors occurred while executing /usr/bin/gstat-update (see ticket https://ggus.eu/ws/ticket_info.php?ticket=72270) Steps done to resolve:

```
cd /root  
wget http://koji.afroditi.hellasgrid.gr/packages/gstat-web/1.0.13/1.e15/noarch/gstat-web-1.0.13-1  
yum remove Django-1.1.1-2.e15  
yum install gstat-web-1.0.13-1.e15.noarch.rpm
```

- edited /etc/gstat/gstat.ini changing:

◆ DATABASE_PASSWORD:<GSTAT-PASSWORD>

/usr/bin/gstat-update

-- MarcoVerlato - 2012-03-08

This topic: WeNMR > GsatForWeNMR

Topic revision: r1 - 2012-03-08 - MarcoVerlato



Copyright © 2008-2020 by the contributing authors. All material on this collaboration platform is the property of the contributing authors.

Ideas, requests, problems regarding TWiki? Send feedback