

GlideinWMS - Bug #23261

Factory could start with Globus GT2 entries

09/11/2019 03:11 PM - Marco Mambelli

Status:	Closed	Start date:	09/11/2019
Priority:	Normal	Due date:	
Assignee:	Marco Mambelli	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	v3_5_1	Spent time:	0.00 hour
First Occurred:	v3_5	Stakeholders:	
Occurs In:			

Description

Raconfig and upgrade are failing if there are active Globus GT2 entries, start is not. After an upgrade a factory could be started w/o running or with failing upgrade/reconfig , it uses the old configuration. So if it includes Globus GT2 entries this could cause a problem.

History

#1 - 09/11/2019 03:17 PM - Marco Mambelli

- Assignee changed from Marco Mambelli to Lorena Lobato Pardavila

- Status changed from New to Feedback

Changes are in v35/23261

Adding the test in fact_chown_check that is launched on start I found and fixed 2 bugs:

- fact_chown_check was not started automatically on SL6 (systemctl gwms-factory start is not passing the parameter)
- the test is always failing if there are no condor jobs in the queue

#2 - 09/11/2019 06:19 PM - Lorena Lobato Pardavila

Tests done in sl6 and sl7.

- sl6

```
[root@fermicloud332 glideinwms]# service gwms-factory reconfig
Using default factory config file: /etc/gwms-factory/glideinWMS.xml
Shutting down GlideinWMS Factory gfactory_instance@gfactory[ OK ]:
Reconfiguring the factory The grid type 'gt2' is no longer supported. Review the attributes of the entry TEST_
ENTRY
[FAILED]
.. starting factory with old configuration file
*/sbin/runuser: unrecognized option '--quiet'
Try `*/sbin/runuser --help' for more information.*
The Factory is not ready for 3.5. Please run /usr/bin/fact_chown_check for more details.
To disable this check remove the --check_35_ready option from the gwms-factory.service file
and remove GWMS_CHECK_35_READY from /etc/sysconfig/gwms-fac[FAILED]
[root@fermicloud332 glideinwms]# vim /etc/rc.d/init.d/gwms-factory
[root@fermicloud332 glideinwms]# vim /etc/rc.d/init.d/gwms-factory
```

That message should not appear, as it's coming from --quiet command. If I remove that part, I should see a lot of messages:

```
'Loading configuration file /etc/gwms-factory/glideinWMS.xml
Checked ownership (gfactory) of client and proxies directories. Passed
Checked Owner of 0 jobs
Found that jobs Owner are:
All the jobs Owner should be gfactory instead
Please, make sure to run the fact_chown script. More details athttps://glideinwms.fnal.gov/doc.dev/factory/con
figuration.html#single_user
The Factory is not ready for 3.5. Please run /usr/bin/fact_chown_check for more details.
To disable this check remove the --check_35_ready option from the gwms-factory.service file
and remove GWMS_CHECK_35_READY from /etc/sysconfig/gwms-fac[FAILED]
```

Marco already pushed the changes correcting it and improving the messages .

- sl7

In this case, it doesn't complain when startup.

```

root@fermicloud039 ~]# /usr/sbin/gwms-factory reconfig
Using default factory config file: /etc/gwms-factory/glideinWMS.xml
Reconfiguring the factory The grid type 'gt2' is no longer supported. Review the attributes of the entry TEST_
ENTRY
[FAILED]
[root@fermicloud039 ~]# /usr/sbin/gwms-factory reload
MUST SUPPLY A PID WITH THIS ARGUMENT
[root@fermicloud039 ~]# /usr/sbin/gwms-factory
Usage: gwms-factory {start|stop|restart|status|info|reconfig|down|up|infosysdown|statusdown}
      gwms-factory reconfig [NEW_XML_CONFIG_FILE] [--fix_rrd] [update_default_cfg] [{yes|no}] [--comment COMMENT]
[--force_delete]
      gwms-factory {down|up} -entry factory|entries|ENTRY_NAME [--delay DELAY] [--frontend SEC_NAME] [--security SE
C_CLASS|All] [--comment COMMENT]
      gwms-factory infosysdown [--delay DELAY] [--frontend SEC_NAME] [--security SEC_CLASS|All] [--comment COMMENT]
      gwms-factory statusdown -entry factory|entries|ENTRY_NAME [--delay DELAY]

[root@fermicloud039 ~]# /usr/sbin/gwms-factory start
Starting GlideinWMS Factory gfactory_instance@gfactory_serv[ OK ]
[root@fermicloud039 ~]#

```

#3 - 09/12/2019 07:50 AM - Marco Mambelli

Updated w/ feedback.

Fixed the issues

now fact_chown_check --verbose shows also the passed tests (--quiet is the default)

Fixed another problem w/ the script:

- was not invoked on SL7 when /usr/sbin/gwms-factory start was called directly (no service). Fixed enabling sysconfig also there.

#4 - 09/12/2019 10:44 AM - Lorena Lobato Pardavila

- Assignee changed from Lorena Lobato Pardavila to Marco Mambelli

- Status changed from Feedback to Accepted

Tested last changes and it's ready to go.

```

[root@fermicloud039 ~]# /usr/sbin/gwms-factory start
Entries TEST_ENTRY are enabled and use unsupported Globus GT2. Should be disabled.
Please, make sure to run the fact_chown script. More details at https://glideinwms.fnal.gov/doc.v3_5_1/factory
/configuration.html#single_user
The Factory is not ready for 3.5. Please run /usr/bin/fact_chown_check for more details
To disable this check remove the --check_35_ready option fr[FAILED]wms-factory.service file

```

For the record, good job double-checking the GT2 entries when executing single user script. I liked it!

```

[root@fermicloud039 ~]# sudo -u gfactory /usr/bin/fact_chown_check -v
Loading configuration file /etc/gwms-factory/glideinWMS.xml
Checked ownership (gfactory) of client and proxies directories. Passed
Checked Owner of 0 jobs
No jobs running. Passed
Entries TEST_ENTRY are enabled and use unsupported Globus GT2. Should be disabled.
Please, make sure to run the fact_chown script. More details at https://glideinwms.fnal.gov/doc.v3_5_1/factory
/configuration.html#single_user

```

#5 - 09/17/2019 10:51 PM - Marco Mambelli

- Status changed from Accepted to Resolved

#6 - 09/28/2019 10:12 AM - Marco Mambelli

- Status changed from Resolved to Closed