

## GlideinWMS - Bug #23187

### Active entries not corresponding with the ones defined in the glideinWMS.xml

08/28/2019 03:52 PM - Lorena Lobato Pardavila

<b>Status:</b>	Closed	<b>Start date:</b>	08/28/2019
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Lorena Lobato Pardavila	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v3_6_x	<b>Spent time:</b>	0.00 hour
<b>First Occurred:</b>		<b>Stakeholders:</b>	
<b>Occurs In:</b>			

#### Description

Investigating [#22877](#) (No error when there are no enabled entries) on one of my environments, I saw during the Factory upgrade/reconfig and having **all** the entries disabled (only had 2 entries : ITB\_FC\_CE2 and ITB\_FC\_HTC\_CE2 ), that the active entries were more and different ones than the expected (none):

```
[root@fermicloud116 ~]# /usr/sbin/gwms-factory upgrade
Using default factory config file: /etc/gwms-factory/glideinWMS.xml
...Updated the glidein_startup.sh and local_start.sh scripts
...Updated the glidein_startup.sh file in the staging area
...Updated the factory_startup script
...Reconfigured glidein 'gfactory_instance' is complete
...Active entries are:
    el6_osg33
    el6_osg34
    el7_osg33
    el7_osg34
...Verifying rrd schema
...Submit files are in /var/lib/gwms-factory/work-dir
Upgrading the factory
```

Any of those entries indicated exist in the glideinWMS.xml but they do exist in the glidein.descript:

```
# File: glidein.descript
#
CondorTarballDirMap      {u'/var/lib/gwms-factory/condor/condor-8.6.11-x86_64-RedHat7-stripped': u'
/var/lib/gwms-factory/web-area/stage/condor_bin_4.j3ejv5.tgz', u'/var/lib/gwms-factory/condor/cond
or-8.8.0-x86_64-RedHat6-stripped': u'/var/lib/gwms-factory/web-area/stage/condor_bin_2.j3ejv5.tgz'
, u'/var/lib/gwms-factory/condor/condor-8.8.1-x86_64-RedHat6-stripped': u'/var/lib/gwms-factory/we
b-area/stage/condor_bin_2.j43fuC.tgz', u'/usr': u'/var/lib/gwms-factory/web-area/stage/condor_bin_
0.j3ejv5.tgz'}
FactoryCollector         None
FactoryName              gfactory_service
GlideinName              gfactory_instance
WebURL                   http://fermicloud116.fnal.gov/factory/stage
PubKeyType               RSA
OldPubKeyGraceTime      900
MonitorUpdateThreadCount 1
RemoveOldCredFreq       24
RemoveOldCredAge        30
Entries                  el6_osg33,el6_osg34,el7_osg33,el7_osg34
AdvertiseWithTCP        False
AdvertiseWithMultiple   False
LoopDelay                60
AdvertisePilotAccounting False
AdvertiseDelay          5
RestartAttempts         3
RestartInterval         1800
EntryParallelWorkers    0
LogDir                   /var/log/gwms-factory/server
ClientLogBaseDir         /var/log/gwms-factory/client
```

```

ClientProxiesBaseDir    /var/lib/gwms-factory/client-proxies
DowntimesFile          /var/lib/gwms-factory/work-dir/glideinWMS.downtimes
MonitorDisplayText
MonitorLink
JobLogRetentionMaxDays 7.0
JobLogRetentionMinDays 3.0
JobLogRetentionMaxMBS  100.0
SummaryLogRetentionMaxDays 31.0
SummaryLogRetentionMinDays 3.0
SummaryLogRetentionMaxMBS 100.0
CondorLogRetentionMaxDays 14.0
CondorLogRetentionMinDays 3.0
CondorLogRetentionMaxMBS 100.0
ProcessLogs            [{u'compression': u'', u'extension': u'info', u'min_days': u'3.0', u'msg_types': u
'INFO', u'max_days': u'7.0', u'max_mbytes': u'100.0', u'backup_count': u'5'}, {u'compression': u''
, u'extension': u'err', u'min_days': u'3.0', u'msg_types': u'DEBUG,ERR,WARN,EXCEPTION', u'max_days
': u'7.0', u'max_mbytes': u'100.0', u'backup_count': u'5'}]
~

```

Note: If I enable one of the existing ones, I keep seeing these ones:

```

[root@fermicloud116 glideinwms]# /usr/sbin/gwms-factory upgrade
Using default factory config file: /etc/gwms-factory/glideinWMS.xml
...Updated the glidein_startup.sh and local_start.sh scripts
...Updated the glidein_startup.sh file in the staging area
...Updated the factory_startup script
...Reconfigured glidein 'gfactory_instance' is complete
...Active entries are:
    ITB_FC_HTC_SIN_CE2
    el6_osg33
    el6_osg34
    el7_osg33
    el7_osg34
...Verifying rrd schema
...Submit files are in /var/lib/gwms-factory/work-dir
Upgrading the factory [ OK ]
[root@fermicloud116 glideinwms]#

```

And thus, the glidein.descript is updated:

```

# File: glidein.descript
#
CondorTarballDirMap    {u'/var/lib/gwms-factory/condor/condor-8.6.11-x86_64-RedHat7-stripped': u'
/var/lib/gwms-factory/web-area/stage/condor_bin_4.j3ejv5.tgz', u'/var/lib/gwms-factory/condor/cond
or-8.8.0-x86_64-RedHat6-stripped': u'/var/lib/gwms-factory/web-area/stage/condor_bin_2.j3ejv5.tgz'
, u'/var/lib/gwms-factory/condor/condor-8.8.1-x86_64-RedHat6-stripped': u'/var/lib/gwms-factory/we
b-area/stage/condor_bin_2.j43fuC.tgz', u'/usr': u'/var/lib/gwms-factory/web-area/stage/condor_bin_
0.j3ejv5.tgz'}
FactoryCollector       None
FactoryName            gfactory_service
GlideinName            gfactory_instance
WebURL                 http://fermicloud116.fnal.gov/factory/stage
PubKeyType             RSA
OldPubKeyGraceTime    900
MonitorUpdateThreadCount 1
RemoveOldCredFreq     24
RemoveOldCredAge      30
Entries                ITB_FC_HTC_SIN_CE2,el6_osg33,el6_osg34,el7_osg33,el7_osg34
...

```

TODO: Investigate if it's either a malformed XML or an error in our parsing code.

#### Related issues:

Related to GlideinWMS - Bug #22877: No error when there are no enabled entries

Closed

07/09/2019

#### History

**#1 - 08/28/2019 03:54 PM - Lorena Lobato Pardavila**

- Related to Bug #22877: No error when there are no enabled entries added

**#2 - 08/28/2019 03:57 PM - Lorena Lobato Pardavila**

- Assignee set to Lorena Lobato Pardavila

**#3 - 08/29/2019 10:53 AM - Marco Mascheroni**

Do you confirm the /etc/gwms-factory/config.d/ dir is empty?

**#4 - 09/03/2019 12:44 PM - Lorena Lobato Pardavila**

It's not empty

```
[root@fermicloud116 ~]# ll /etc/gwms-factory/config.d/
total 28
-rw-r--r--. 1 root root 348 Jul 22 10:49 Condor_Tarballs.xml.not.used
-rw-r--r--. 1 root root 7162 Jul 22 11:01 Dev_Sites.xml
-rw-r--r--. 1 root root 5126 Jul 22 11:01 Dev_Sites2.xml
-rw-r--r--. 1 root root 5127 Jul 22 11:01 Dev_Sites3.xml
```

And these 4 entries are coming from Dev\_Sites2.xml which is used for fixtures in the unittests. What I don't understand is that these files seem to have been modified on July 22 when I was on holidays during that time. Have to investigate how they ended being "active"

**#5 - 09/03/2019 04:24 PM - Lorena Lobato Pardavila**

- Status changed from New to Closed

There is a reasonable explanation about why the entries were appearing when they were not defined in glideinwms.xml. After investigation, I figured out there is a config.d directory somewhere down in glideinwms/unittests/fixtures that does the same behavior that the entries in glideinwms.xml. The fact that those files were created during a period that I was on holidays was confusing me. I just knew Dennis was doing several tests to run the code, and put those files there and forgot about them.

Closing ticket

**#6 - 10/04/2019 04:54 PM - Marco Mambelli**

- Target version changed from v3\_5\_x to v3\_6\_x