

## GlideinWMS - Bug #24516

### Confusing verification script

06/04/2020 06:50 PM - Marco Mambelli

<b>Status:</b>	New	<b>Start date:</b>	06/04/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Marco Mascheroni	<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	v3_7_4	<b>Spent time:</b>	0.00 hour
<b>First Occurred:</b>		<b>Stakeholders:</b>	
<b>Occurs In:</b>			

#### Description

Mirica installed a new factory 3.6.2 from scratch.  
Condor was not starting and she get this error.  
It is at least misleading.

```
[root@fermicloud044 condor]# systemctl status gwms-factory.service
● gwms-factory.service - GWMS Factory Service
   Loaded: loaded (/usr/lib/systemd/system/gwms-factory.service; disabled; vendor preset: disabled)
   Active: failed (Result: exit-code) since Thu 2020-06-04 18:09:21 CDT; 16s ago
     Docs: http://glideinwms.fnal.gov/doc/prd/factory/index.html
    Process: 4898 ExecStart=/usr/sbin/gwms-factory start --check_35_ready (code=exited, status=150)
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: RET = main() # capital letters used because pylint considers this a constant
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: File "/usr/bin/fact_chown_check", line 52, in main
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: coll_query = htcondor.Collector().locateAll(htcondor.DaemonTypes.Schedd)
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: IOError: Failed communication with collector.
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: The Factory is not ready for 3.5.x. Please run /usr/bin/fact_chown_check --verbose...tails.
Jun 04 18:09:21 fermicloud044.fnal.gov systemd[1]: gwms-factory.service: control process exited, code=exited status=150
Jun 04 18:09:21 fermicloud044.fnal.gov gwms-factory[4898]: To disable this check remove the --check_35_ready option from the gwms-factory.s...AILED]
Jun 04 18:09:21 fermicloud044.fnal.gov systemd[1]: Failed to start GWMS Factory Service.
Jun 04 18:09:21 fermicloud044.fnal.gov systemd[1]: Unit gwms-factory.service entered failed state.
Jun 04 18:09:21 fermicloud044.fnal.gov systemd[1]: gwms-factory.service failed.
Hint: Some lines were ellipsized, use -l to show in full.
[root@fermicloud044 condor]#
```

A brand new install should never get this error.

And then fact\_chown\_check is not documented (I was unable to find the documentation) and when started as root was giving:

```
Directory /var/log/gwms-factory/client/user_frontend/glidein_gfactory_instance is owned by user with id 43680, while the user running this process is 0
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
```

And as gfactory:

```
-bash-4.2$ fact_chown_check
Traceback (most recent call last):
  File "/usr/kerberos/bin/fact_chown_check", line 100, in <module>
    RET = main() # capital letters used because pylint considers this a constant
  File "/usr/kerberos/bin/fact_chown_check", line 52, in main
```

```
coll_query = htcondor.Collector().locateAll(htcondor.DaemonTypes.Schedd)
IOError: Failed communication with collector.
```

The stack trace is confusing, a message saying that it needs condor to be running would be more operator friendly

## History

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### #1 - 06/04/2020 06:50 PM - Marco Mambelli

- Description updated

### #2 - 09/17/2020 06:03 PM - Marco Mambelli

- Target version changed from v3\_6\_4 to v3\_6\_5

### #3 - 10/04/2020 01:49 AM - Marco Mambelli

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

### #4 - 12/03/2020 09:19 PM - Marco Mambelli

- Target version changed from v3\_6\_6 to v3\_6\_7

### #5 - 02/09/2021 10:47 PM - Marco Mambelli

When testing 3.7.2 I incurred in the following error from the 3.5 checking script.  
This was a new installation, so it could be only a false positive

```
Dec 29 23:48:29 fermicloud092.fnal.gov systemd[1]: Starting GWMS Factory Service...
Dec 29 23:48:29 fermicloud092.fnal.gov runuser[28370]: pam_unix(runuser:session): session opened for user gfactory by (uid=0)
Dec 29 23:48:29 fermicloud092.fnal.gov gwms-factory[28355]: Directory /var/log/gwms-factory/client/user_frontend/glidein_gfactor...s 991
Dec 29 23:48:29 fermicloud092.fnal.gov gwms-factory[28355]: Please, make sure to run the fact_chown script. More details at http..._user
Dec 29 23:48:29 fermicloud092.fnal.gov gwms-factory[28355]: The Factory is not ready for 3.5.x. Please run /usr/bin/fact_chown_c...ails.
Dec 29 23:48:29 fermicloud092.fnal.gov systemd[1]: gwms-factory.service: control process exited, code=exited status=150
Dec 29 23:48:29 fermicloud092.fnal.gov gwms-factory[28355]: To disable this check remove the --check_35_ready option from the gw...ILED]
Dec 29 23:48:29 fermicloud092.fnal.gov systemd[1]: Failed to start GWMS Factory Service.
Dec 29 23:48:29 fermicloud092.fnal.gov systemd[1]: Unit gwms-factory.service entered failed state.
Dec 29 23:48:29 fermicloud092.fnal.gov systemd[1]: gwms-factory.service failed.
```

Wrong owner of the factory

### #6 - 02/14/2021 07:39 PM - Marco Mambelli

- Target version changed from v3\_6\_7 to v3\_7\_4