

GlideinWMS - Bug #5107

Issues running reconfig_factory and reconfig_frontend directly

12/17/2013 11:07 AM - Parag Mhashilkar

Status: Closed	Start date: 12/17/2013
Priority: Low	Due date:
Assignee: Burt Holzman	% Done: 0%
Category: RPM - Frontend/Factory	Estimated time: 0.00 hour
Target version: v3_2_4	Spent time: 0.00 hour
First Occurred:	Stakeholders:
Occurs In:	

Description

Joe Boyd reported this issue (see below).

I also want to highlight on top of what Joe says. reconfig_frontend (and mostly reconfig_factory as well), rpm, installs these binaries in /usr/sbin and they are already in root's path. Accidentally running them has following issues

- If no args are specified the throw exception on the screen as below
- If required args are provided, they convolute the frontend's working/stage directory with the files owned by root that frontend cannot over write making the situation worse

I think we should atleast:

- Prevent the commands to be run as root directly
- Print useful messages if enough args are not provided

reconfig_frontend really should say you have to supply a file as an argument instead of just puking about a corrupt xml file.

```
joe

[root@gwmsfrontend2 group_main]# reconfig_frontend
Traceback (most recent call last):
  File "/usr/sbin/reconfig_frontend", line 155, in <module>
    params=cvWParams.VOFrontendParams(usage, WEB_BASE_DIR, args)
  File "/usr/lib/python2.6/site-packages/glideinwms/creation/lib/cWParams.py", line 179, in __init_
-
    self.load_file(self.cfg_name)
  File "/usr/lib/python2.6/site-packages/glideinwms/creation/lib/cWParams.py", line 227, in load_fi
le
    self.data=xmlParse.xmlfile2dict(fname,use_ord_dict=True)
  File "/usr/lib/python2.6/site-packages/glideinwms/lib/xmlParse.py", line 86, in xmlfile2dict
    raise CorruptXML("XML corrupt in file %s: %s" % (fname, e))
glideinwms.lib.xmlParse.CorruptXML: XML corrupt in file /tmp/tmpWPPvST: not well-formed (invalid t
oken): line 1, column 1

[root@gwmsfrontend2 group_main]# reconfig_frontend /etc/gwms-frontend/frontend.xml
...Saved the current config file into the working dir
...Saved the backup config file into the working dir
...Reconfigured frontend 'gwmsfrontend2-fnal-gov_OSG_gWMSFrontend'
...Active groups are:
    main
...Verifying rrd schema
WARNING: monitor/ directory does not exist, skipping rrd verification.
...Work files are in /var/lib/gwms-frontend/vofrontend
```

Related issues:

Related to GlideinWMS - Bug #5351: manage-glidein crashing when command invoc...	Closed	02/05/2014
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History

#1 - 12/17/2013 11:13 AM - Parag Mhashilkar

I talked to Joe and asked him to run commands using service command but still we should handle this gracefully in glideinwms.

```
service gwms-frontend <start|stop|...>
```

#2 - 12/17/2013 01:24 PM - Burt Holzman

- Status changed from *New* to *Feedback*
- Assignee set to *Parag Mhashilkar*
- Priority changed from *Normal* to *Low*

Committed in [c37acf3](#)

#3 - 01/02/2014 09:44 AM - Parag Mhashilkar

I made following commits [26ac470695a015765075b73b890a05482eaa7bf1a77b7ff8e29e500cace7cd949961de2a0b8f6971](#) to avoid root user running these commands.

#4 - 02/06/2014 09:37 AM - Parag Mhashilkar

- Status changed from *Feedback* to *Closed*
- Assignee changed from *Parag Mhashilkar* to *Burt Holzman*