

CMS dCache - Necessary Maintenance #9839

Test new dcache rpm for security fix

08/18/2015 04:55 PM - Natalia Ratnikova

| | | | |
|--|-------------------|------------------------|------------|
| Status: | Assigned | Start date: | 08/18/2015 |
| Priority: | Normal | Due date: | |
| Assignee: | Natalia Ratnikova | % Done: | 0% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | Spent time: | 1.10 hour |
| Stakeholders: | | | |
| Description | | | |
| new version to fix vulnerability in dCache, see comment. | | | |

History

#1 - 08/18/2015 04:56 PM - Natalia Ratnikova

Hi Dmitry,

we will update the whole thing as it makes it easier to push...

Natalia, we just need to put the RPM in our YUM repo and run the update procedure. The same procedure we developed for kernel updates will work, we can just follow that and this way we'll get the latest kernel in (2.6.32-573.3.1) as it fixes some important bugs.

Hi Gerard,

The RPM is in usual place:

https://srm.fnal.gov/twiki/bin/view/DcacheCorner/CmsDcache#2_2_29

(<https://srm.fnal.gov/twiki/pub/DcacheCorner/CmsDcache/dcache-2.2.29-1.noarch.rpm>)

Please take it and install it on your test system ASAP.

NB: if you have separate GFTP door nodes, you can install this RPM only on these nodes. On the other hand if you have downtime anyway, then why not update the whole thing?

#2 - 08/18/2015 06:41 PM - Natalia Ratnikova

The rpm version provided by Dmitry is older than what we currently have installed. see [1-2-3] below.

So to force the upgrade I need to uninstall the old version. Which is fine for testing security fix on the testbed.

Below is the actions logs.

The cmsstor154 failure is normal ,as pssh returns last command exit code, which for dcache status not running is 1, and we do not run dcache on backup server.

```
[root@cmsadmin1 Aug-18-2015]# touch testbed-server-nodes
[root@cmsadmin1 Aug-18-2015]# for n in cmsstor153 cmsstor152 cmspnfs1 cmsstor154
```

```
do echo $n >> testbed-server-nodes
done
```

```
[root@cmsadmin1 Aug-18-2015]# cat testbed-server-nodes
cmsstor153
cmsstor152
cmspnfs1
cmsstor154
```

```
[root@cmsadmin1 Aug-18-2015]# pssh -h testbed-server-nodes -l root -t0 -p 4 -o upgr.log -e upgr.err 'puppet agent --disable; service dcache-server stop; rpm -ev dcache; rpm -ivh -p /root/dcache-2.2.29-1.noarch.rpm; puppet agent --enable; puppet agent -t; dcache status'
```

```
[1] 18:35:38 [FAILURE] cmsstor154 Exited with error code 1
```

```
[2] 18:35:58 [SUCCESS] cmspnfs1
```

```
[3] 18:35:58 [SUCCESS] cmsstor152
```

```
[4] 18:35:59 [SUCCESS] cmsstor153
```

```
[root@cmsadmin1 Aug-18-2015]#
```