

ADMIN - Support #5277

minoscvs deployment

01/27/2014 05:01 PM - Arthur Kreymer

Status:	New	Start date:	01/27/2014
Priority:	Normal	Due date:	02/20/2014
Assignee:	Arthur Kreymer	% Done:	0%
Category:		Estimated time:	20.00 hours
Target version:		Spent time:	0.70 hour
Description			
Deploying CVMFS for Minos.			

History

#1 - 01/27/2014 05:03 PM - Arthur Kreymer

Date: Mon, 27 Jan 2014 16:27:50 ~~0600~~
From: ~~Fermilab Service Desk~~ <~~fermi@service-now.com~~>
To: ~~kreymer@fnal.gov~~
Subject: ~~RITM0084072 - minoscfs cvmfs repository~~
Parts/Attachments:
1.1 ~~OK~~ 22 lines Text
1.2 ~~Shown~~ 22 lines Text

The CVMFS repository for Minos have been installed.

You will be able to login as the CVMFS user on minoscfs.fnal.gov:

```
ssh -l cvmfs minoscfs.fnal.gov
```

Directory:
/srv/cvmfs/minoscfs.fnal.gov/staging -> Can be used to stage your tarballs prior to extraction. Note: This directory is not monitored by the cvmfs daemon.
/srv/cvmfs/minoscfs.fnal.gov/shadow -> The final location for your code.

When you are ready to checkin the items within /srv/cvmfs/minoscfs.fnal.gov/shadow please run the following command (cvmfs_publish). Note: This command may take 10-24 hours to complete if your initial checkin is large.

There are also 4 stratum1 servers (cfs01|cfs02|cfs03|cfs04).fnal.gov which synchronize every 30 minutes with minoscfs.fnal.gov. Once you publish your data it may take up to 30 minutes for the snapshot process to begin. Depending on the size of your final published repo it may take some time for the data to be synchronized to the stratum1's.

Let us know if you have any issues or questions.

Regards,

FEF/SSS
Ref:MSG1765804

#2 - 01/27/2014 05:39 PM - Arthur Kreymer

o logged in, ssh cvmfs@minoscfs

o checked .k5login

ettab@FNAL.GOV
kreymer@FNAL.GOV
rhatcher@FNAL.GOV
rmehdi@FNAL.GOV

o checked size of staging and shadow

```
df -h /srv/cvmfs/minoscfs.fnal.gov/staging
```

```
Filesystem      Size  Used Avail Use% Mounted on
/dev/sda8      139G 188M 131G   1% /srv/cvmfs/minoscfs.fnal.gov/staging
```

```
df -h /srv/cvmfs/minoscfs.fnal.gov/shadow
```

```
Filesystem      Size  Used Avail Use% Mounted on
/dev/mapper/lvm-srv 1.4T 5.4M 1.4T   1% /srv
```

```
o shadowed a single file
```

```
echo "WELCOME TO THE MINOS CVMFS FILE SYSTEM" > shadow/README
```

```
o cvmfs_publish | tee maint/pub20140127.log
```

```
/usr/local/bin/cvmfs_publish: line 8: system_umask: command not found
Auto-creating nested catalogs...
```

```
...
```

#3 - 01/27/2014 05:40 PM - Arthur Kreymer

```
o checked server, using DocDB 5150 details, using a gpfarm worker
```

```
    see /etc/cvmfs/config.d files
```

```
d0cfs.fnal.gov.conf
descfs.fnal.gov.conf
gm2cfs.fnal.gov.conf
novacfs.fnal.gov.conf
oasis.opensciencegrid.org.conf
```

```
    guess location of Minos server,
```

```
http://cfs01.fnal.gov/opt/minoscfs.fnal.gov
```

```
access denied
```

```
    list files on existing repository
```

```
$ ls /cvmfs/novacfs.fnal.gov
externals nova novasvn
```