

How to upgrade from Gluster 4.1 to Gluster 7.x

Archived

Backups

Take backups (snapshots of all disks), prior to carrying out this work, as there is a risk of data loss.

Disable access to the site

Stop httpd on both web servers:

...

```
sudo systemctl stop httpd
```

...

Upgrade process for web 1

Su to root:

...

```
su root
```

...

Stop the services:

...

```
sudo systemctl stop glusterd
```

...

Kill any running processes:

...

```
killall glusterfs glusterfsd glusterd
```

...

Unmount the drives:

...

```
umount /mnt/gluster/gvol0
```

...

Remove any centos release gluster repos:

...

```
yum remove centos-release-gluster*
```

...

Remove glusterfs

...

```
yum remove glusterfs*
```

...

Install version 7.0

...

```
yum install centos-release-gluster7
```

```
yum install glusterfs glusterfs-fuse glusterfs-server
```

...

Start and enable gluster

```
...  
sudo systemctl start glusterd.service  
sudo systemctl enable glusterd.service  
...
```

Finally, mount the drive:

```
...  
sudo mount -a  
...
```

Repeat the process above for web 2

See notes in the section above

Final checks

Check gluster status

```
...  
gluster volume status  
...
```

Check version

```
...  
gluster --version  
...
```

Start httpd to allow access

```
...  
systemctl start httpd  
...
```

Check everything is working as expected by logging into Claromentis, download a file from the DMS (which require the data directory)

Last modified on 6 December 2023 by [Hannah Door](#)

Created on 9 October 2020 by [Will Emmerson](#)

Tags: [balanced](#), [load](#), [upgrade](#), [gluster](#), [glusterd](#)