

Synology - Moving Packages Between Volumes DSM 7.0

1. Stop the application(s) via the Synology package center.
2. Make sure that Telnet/SSH is enabled
3. Login to Synology using SSH and [elevate to root](#).
4. Make sure that the volume you are moving the application(s) to have the following folders:
 1. @appstore
 2. @apphome
 3. @appconf
 4. @apptemp
 1. If they do not you will have to create them in super user mode "*sudo -i*" for all of the following commands

```
2. sudo -i
    cd /volume2
    mkdir /volume2/@appstore
    mkdir /volume2/@apphome
    mkdir /volume2/@appconf
    mkdir /volume2/@apptemp
```

5. Find the application that you need to move on the correct value
 1. Use "ls" against */VolumeX/@appstore* to find your package folder name

```
2. cd /volume1/@appstore
ls -lart
drwxr-xr-x 15 AudioStation      AudioStation      4096 Oct  6 22:37 AudioStation
drwxr-xr-x 16 MediaServer       MediaServer        4096 Oct  6 22:40 MediaServer
drwxr-xr-x  9 iTunesServer      iTunesServer       4096 Oct  6 22:41 iTunesServer
drwxr-xr-x 23 SurveillanceStation SurveillanceStation 4096 Jan 24 17:13
SurveillanceStation
```

3. Use "mv" to move the data between the old and new volume, you may need to create the *@appstore* folder first.

```
4. mv SurveillanceStation /volume2/@appstore/
```

6. Now you will need to adjust Synology and relocate the parameters for the application(s) and where it is now moved to. this is done where the packages configurations live in "

`/var/packages".`

1.

```
cd /var/packages/SurveillanceStation
ls -lrt
lrwxrwxrwx 1 root root 33 Oct 6 22:33 var -> /volume1/@appdata/UniversalViewer
lrwxrwxrwx 1 root root 33 Oct 6 22:33 tmp -> /volume1/@apptemp/UniversalViewer
lrwxrwxrwx 1 root root 34 Oct 6 22:33 target -> /volume1/@appstore/UniversalViewer
lrwxrwxrwx 1 root root 33 Oct 6 22:33 home -> /volume1/@apphome/UniversalViewer
lrwxrwxrwx 1 root root 33 Oct 6 22:33 etc -> /volume1/@appconf/UniversalViewer
```
2. Now we have to remove the symbolic links and recreate them to point to volume2 using the `"rm"` to remove and the `"ln -s"` to recreate them.
3.

```
rm var tmp target home etc
ln -s /volume2/@appdata/UniversalViewer var
ln -s /volume2/@apptemp/UniversalViewer tmp
ln -s /volume2/@appstore/UniversalViewer target
ln -s /volume2/@apphome/UniversalViewer home
ln -s /volume2/@appconf/UniversalViewer etc
```
- 4.
7. Repair your application(s) package in the Synology Package Centre.
 1. It will automatically re-download and restart

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