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