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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