Lab 6: Move the vfiler root volume (not the same as vfiler0 vol options)

This lab will migrate the vfiler root volume for fas6080a_vfiler1 running on the fas3170 node. The vfiler must be stopped, destroyed and recreated using the same root volume name (new root must be renamed to the old root name). This is quite different from migrating a vfiler0 root volume using "vol options volname root"

The procedure below will move the fas6080a_vfiler1 root volume from aggr1_6080a to aggr0

- Create new root vol, restrict it, and vol copy the existing root to the newroot
  - fas3170> **vol create newroot -s none aggr0 20m**
  - fas3170> **vol restrict newroot**
  - fas3170> **vol copy start -S fas6080a_vfiler1_root newroot**
- Stop and Destroy the vfiler (we will recreate later with newroot after swapping names)
  - fas3170> **vfiler stop fas6080a_vfiler1**
  - fas3170> **vfiler destroy fas6080a_vfiler1** # confirm "YES"
- Rename volumes so the newroot is the same name as oldroot
  - fas3170> **vol rename fas6080a_vfiler1_root oldroot**
  - fas3170> **vol rename newroot fas6080a_vfiler1_root**
- Online the new root volume and recreate the vfiler
  - fas3170> **vol online fas6080a_vfiler1_root**
  - fas3170> **vfiler create fas6080a_vfiler1 -r /vol/fas6080a_vfiler1_root**

NOTE: the ns1 interface will not be configured and needs to be configured. You can ifconfig the interface, or use the "setup –e", but setup –e will wack some files since the setup command updates hosts.equiv, exports, resolv.conf, etc. These can be restored from the .bak versions copied at setup time or from snapshots. You will need to fix the rc file in a production environment (.105 will be left over from the prior lab…multistore doesn't always clean up rc as expected).
- fas3170> **vfiler status -a**   # not the interface is unconfigured
- fas3170> **ifconfig ns1 alias 192.168.150.103**
  - alternatively (wacks some files) - **fas3170> vfiler run fas6080a_vfiler1 setup -e ns1:192.168.150.103:255.255.255.0**
- fas3170> **vfiler status -a**   # not the interface is configured