Bicom SSH Info for Monitoring of Servers

67.207.47.35 Controller (GUI)
67.207.47.32 Host 1
67.207.47.33 Host 2
67.207.47.34 Roaming Host
67.207.47.36 SIPmon
67.207.47.37 SIPmon

Check Primary/Secondary status

ssh root@67.207.47.32 -p2222
or
ssh root@67.207.47.33 -p2222
or
ssh root@67.207.47.35 -p2222

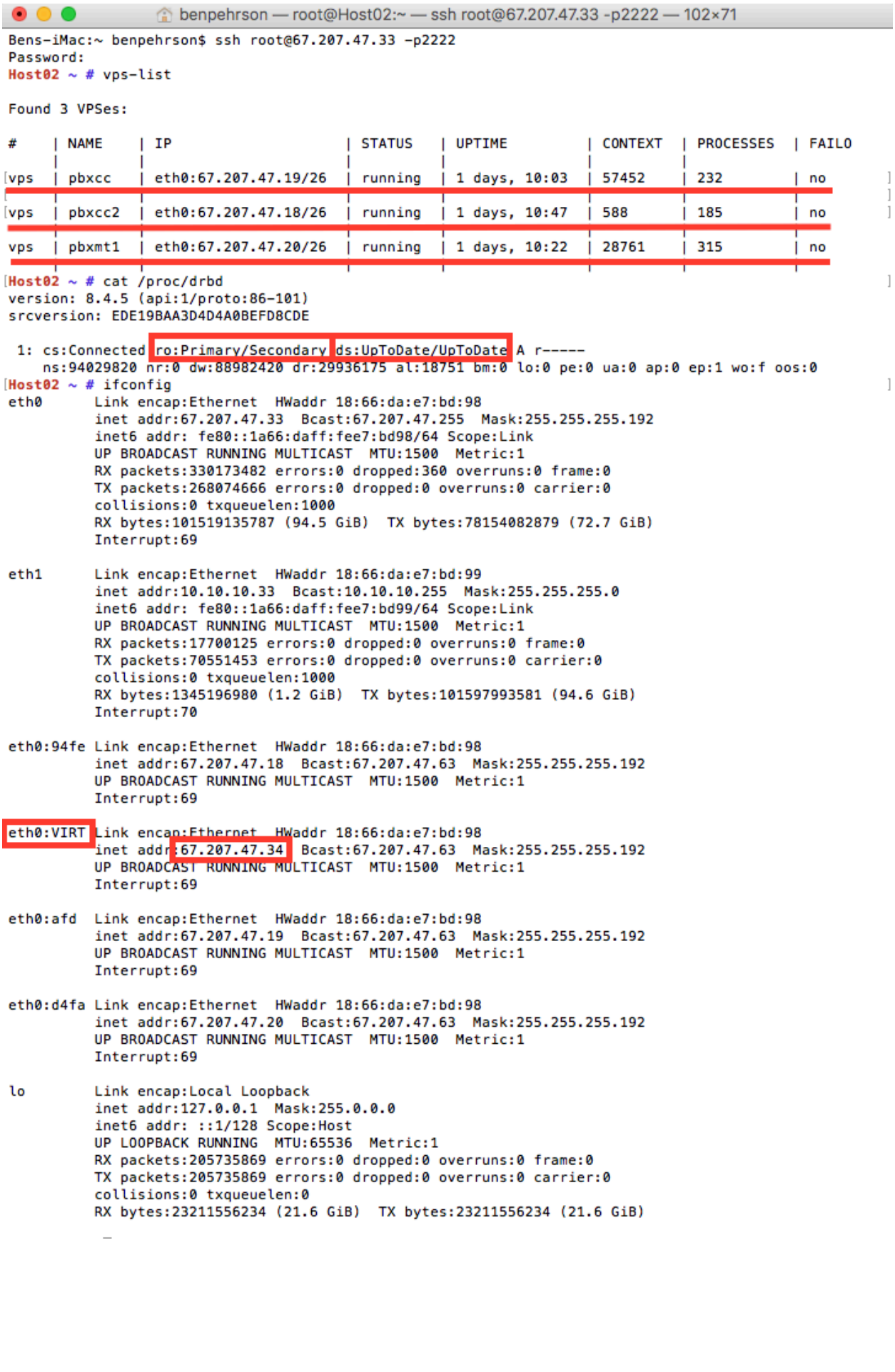
C3ntrac0msys!

vps-list (shows all of the VPS's or none depending upon the Primary/Secondary state)

cat /proc/drbd (shows the server is connected and the status of either ro:Primary/Secondary or ro:Secondary/Primary)

ifconfig (Shows the IP address of that HOST in eth0 and eth1 along with the floating IP of .34 in eth0:VIRT

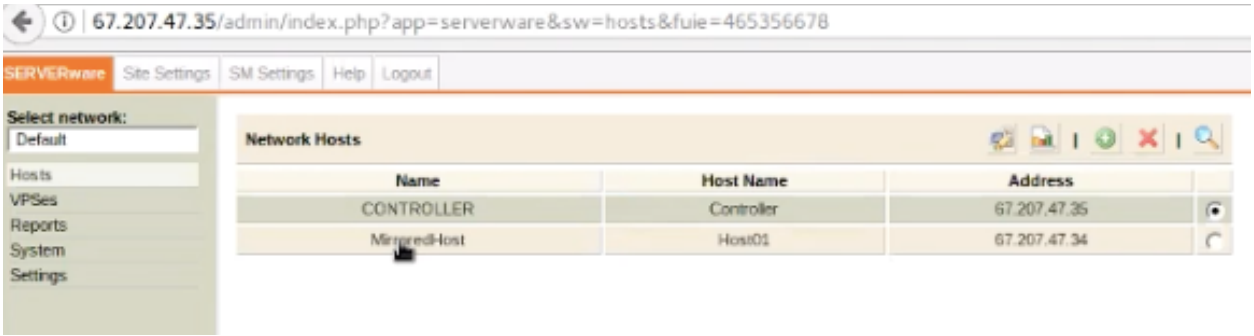
Using the commands below you should see the following if things are running as they should.


benpehrson — root@Host02:~ — ssh root@67.207.47.33 -p2222 — 102×71
Bens-iMac:~ benpehrson$ ssh root@67.207.47.33 -p2222
Password:
Host02 ~ # vps-list
Found 3 VPSes:
| NAME | IP | STATUS | UPTIME | CONTEXT | PROCESSES | FAILO
vps | pbxcc | eth0:67.207.47.19/26 | running | 1 days, 10:03 | 57452 | 232 | no
vps | pbxcc2 | eth0:67.207.47.18/26 | running | 1 days, 10:47 | 588 | 185 | no
vps | pbxmt1 | eth0:67.207.47.20/26 | running | 1 days, 10:22 | 28761 | 315 | no
Host02 ~ # cat /proc/drbd
version: 8.4.5 (api:1/proto:86-101)
srcversion: EDE19BAA3D4D4A0BEFD8CDE
1: cs:Connected ro:Primary/Secondary ds:UpToDate/UpToDate A r-----
ns:94029820 nr:0 dw:88982420 dr:29936175 al:18751 bm:0 lo:0 pe:0 ua:0 ap:0 ep:1 wo:f oos:0
Host02 ~ # ifconfig
eth0 Link encap:Ethernet HWaddr 18:66:da:e7:bd:98
inet addr:67.207.47.33 Bcast:67.207.47.255 Mask:255.255.255.192
inet6 addr: fe80::1a66:daff:fee7:bd98/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:330173482 errors:0 dropped:360 overruns:0 frame:0
TX packets:268074666 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:101519135787 (94.5 GiB) TX bytes:78154082879 (72.7 GiB)
Interrupt:69
eth1 Link encap:Ethernet HWaddr 18:66:da:e7:bd:99
inet addr:10.10.10.33 Bcast:10.10.10.255 Mask:255.255.255.0
inet6 addr: fe80::1a66:daff:fee7:bd99/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:17700125 errors:0 dropped:0 overruns:0 frame:0
TX packets:70551453 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:1345196980 (1.2 GiB) TX bytes:101597993581 (94.6 GiB)
Interrupt:70
eth0:94fe Link encap:Ethernet HWaddr 18:66:da:e7:bd:98
inet addr:67.207.47.18 Bcast:67.207.47.63 Mask:255.255.255.192
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Interrupt:69
eth0:VIRT Link encap:Ethernet HWaddr 18:66:da:e7:bd:98
inet addr:67.207.47.34 Bcast:67.207.47.63 Mask:255.255.255.192
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Interrupt:69
eth0:afd Link encap:Ethernet HWaddr 18:66:da:e7:bd:98
inet addr:67.207.47.19 Bcast:67.207.47.63 Mask:255.255.255.192
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Interrupt:69
eth0:d4fa Link encap:Ethernet HWaddr 18:66:da:e7:bd:98
inet addr:67.207.47.20 Bcast:67.207.47.63 Mask:255.255.255.192
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Interrupt:69
lo Link encap:Local Loopback
inet addr:127.0.0.1 Mask:255.0.0.0
inet6 addr: ::1/128 Scope:Host
UP LOOPBACK RUNNING MTU:65536 Metric:1
RX packets:205735869 errors:0 dropped:0 overruns:0 frame:0
TX packets:205735869 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:23211556234 (21.6 GiB) TX bytes:23211556234 (21.6 GiB)

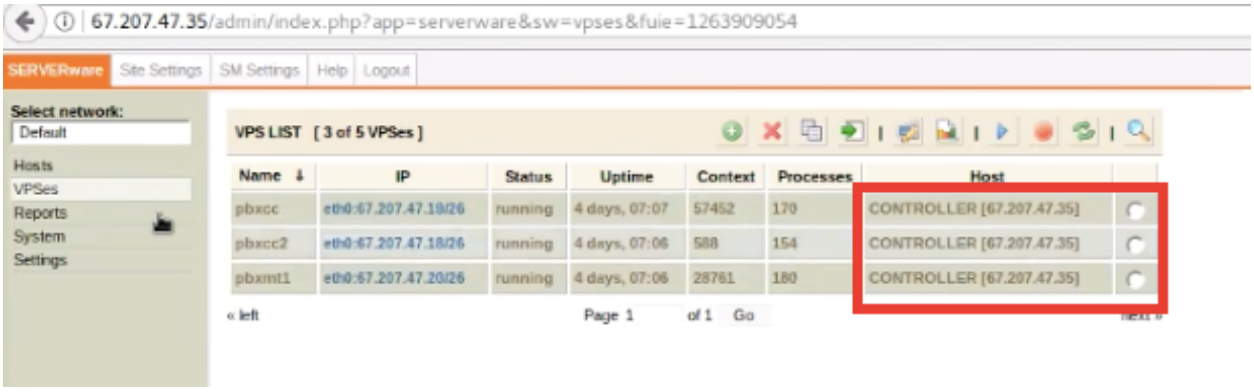
Moving VPS's from .35 (Controller) to the .34 (Host Servers)

In your browser go to 67.207.47.35
co@centracom.com
C3ntrac0msys!

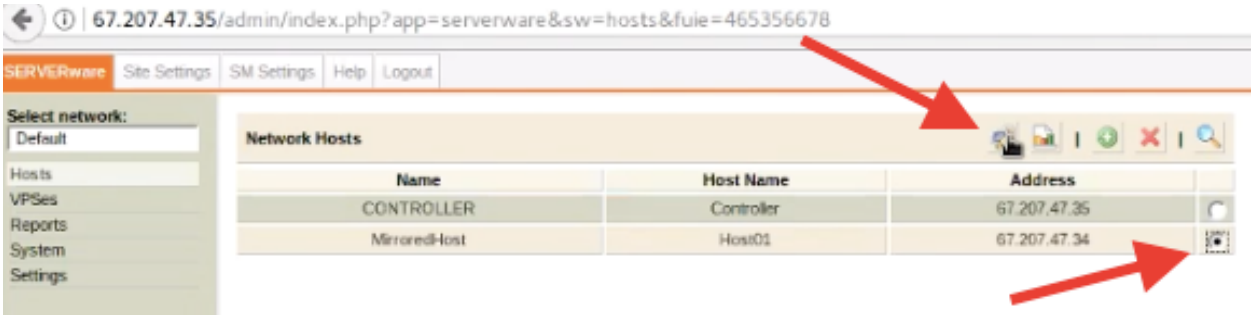
Hosts: You will see that Mirrored Host is not the same color as CONTROLLER. That means its not active.



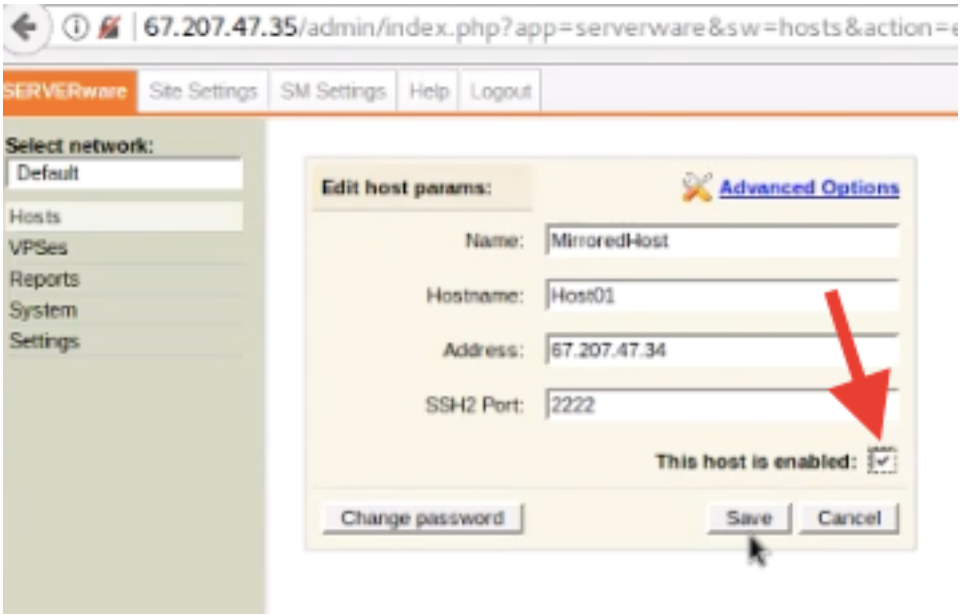
VPSes: You will see to the right of each VPS under Host CONTROLLER .35 That means the Controller is acting as the the Host as well.



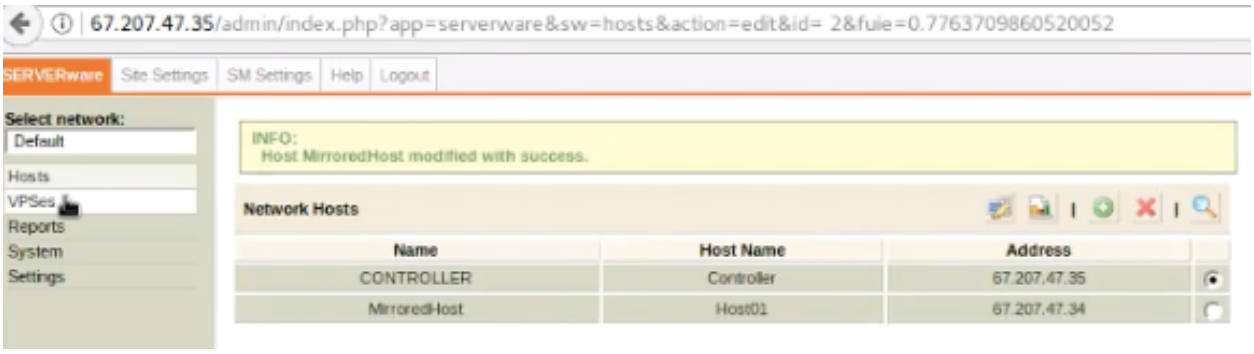
Back to Hosts tab: Select Mirrored Host .34 and Edit



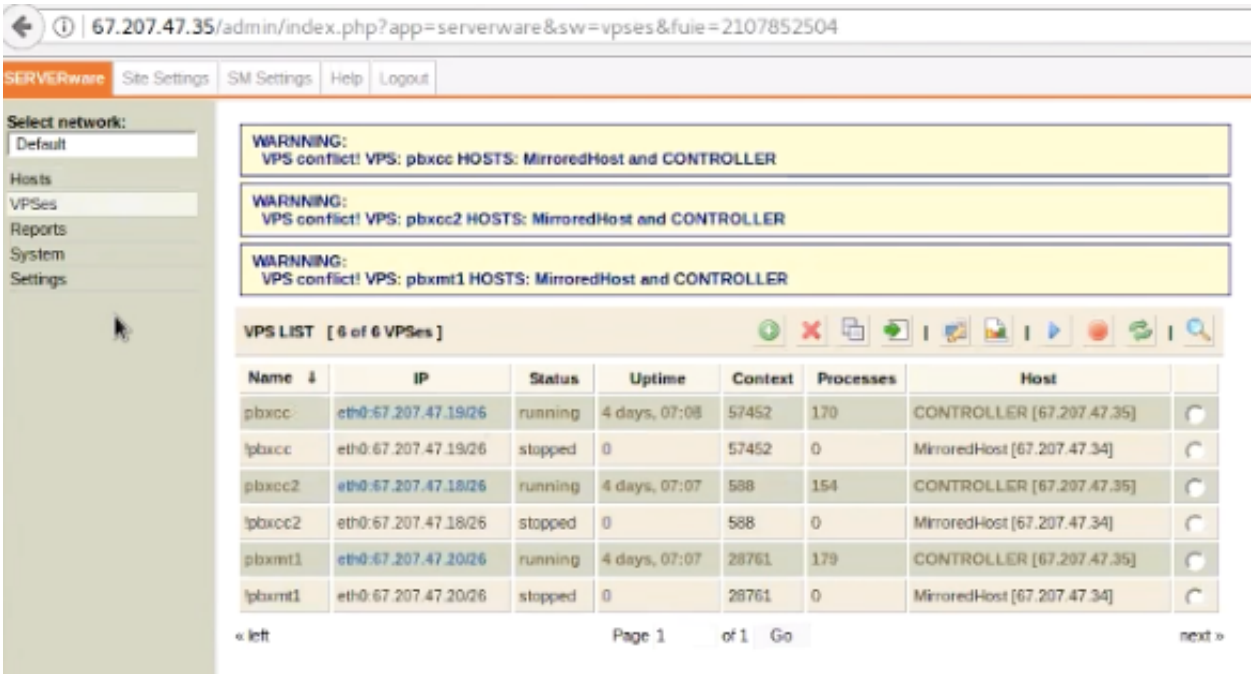
This host is enabled must be checked, and then Save



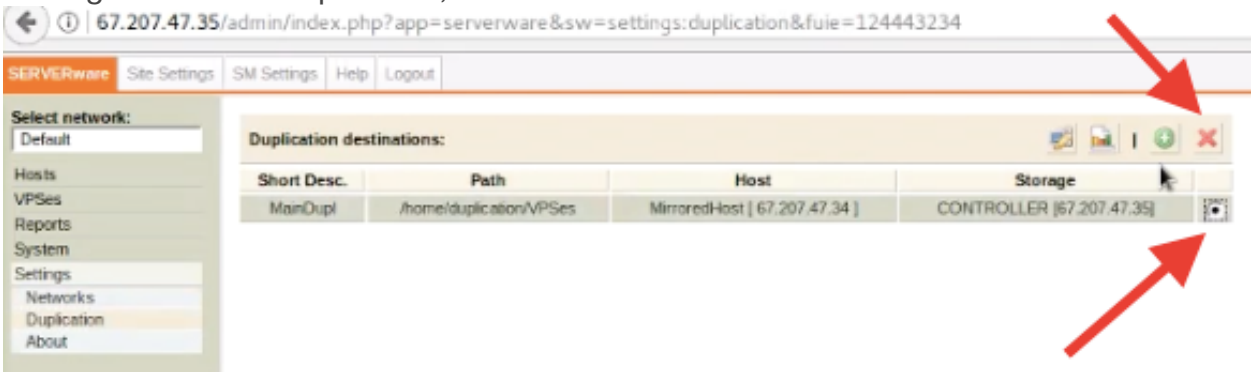
You'll now see that both Network Hosts are the same color. That means they are both enabled.



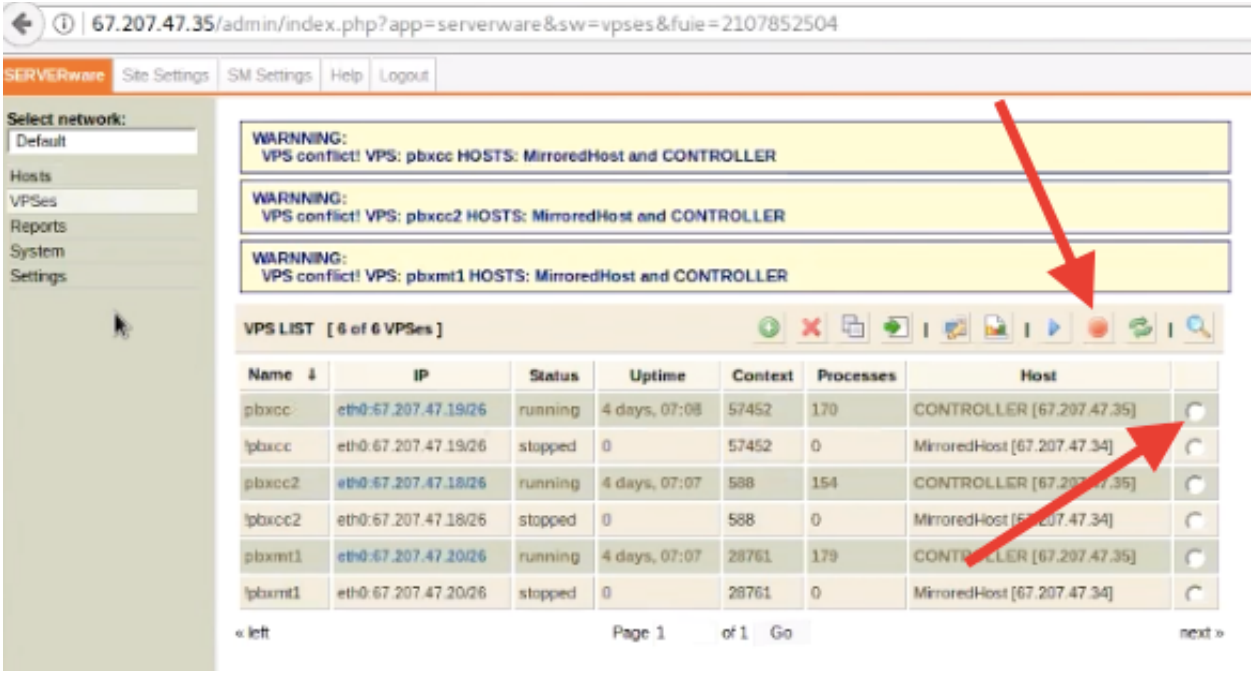
VPSes Tab: You'll now see 6 VPSes 3 running, 3 stopped.



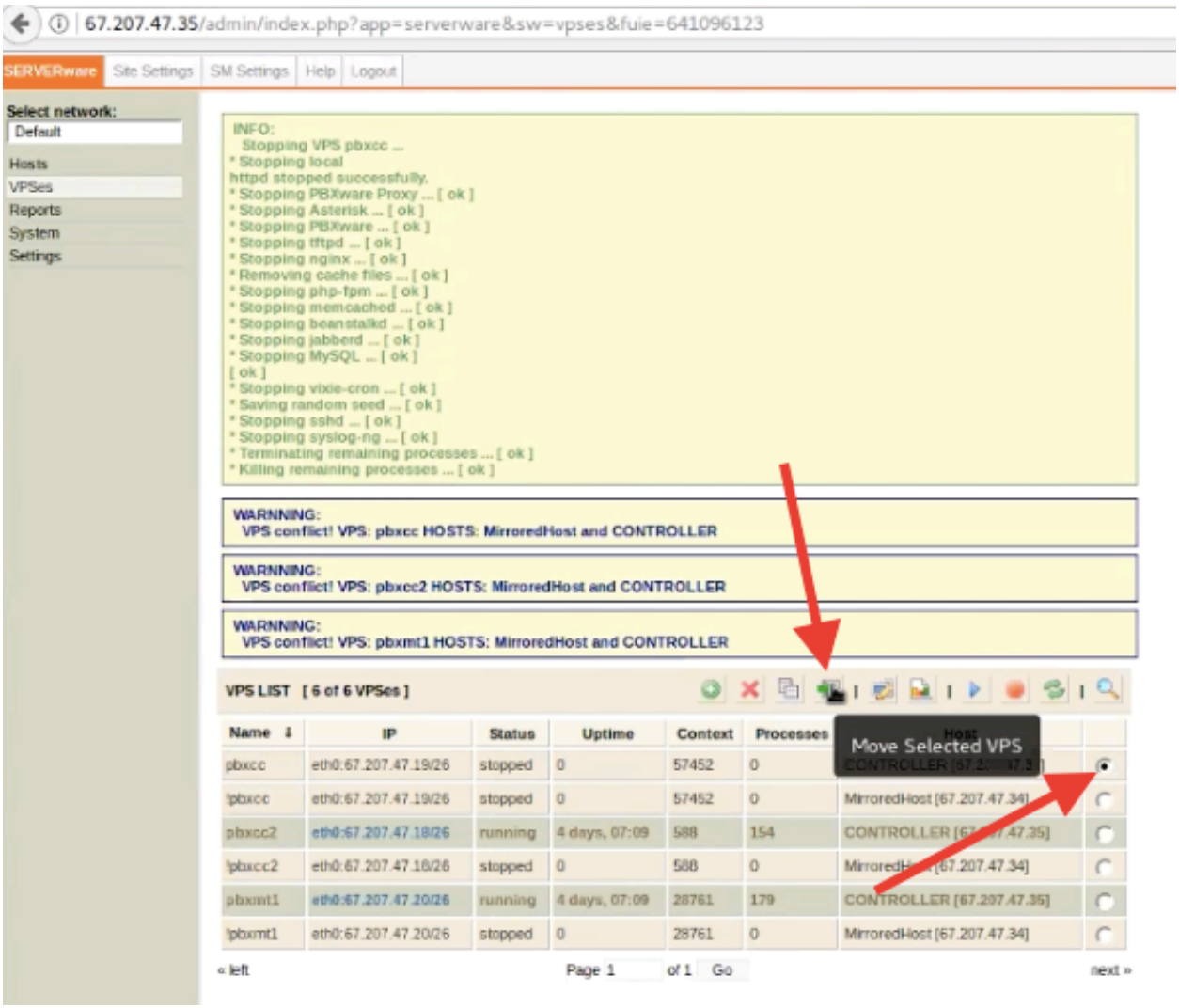
Settings Tab: Click Duplication, select it and click delete.



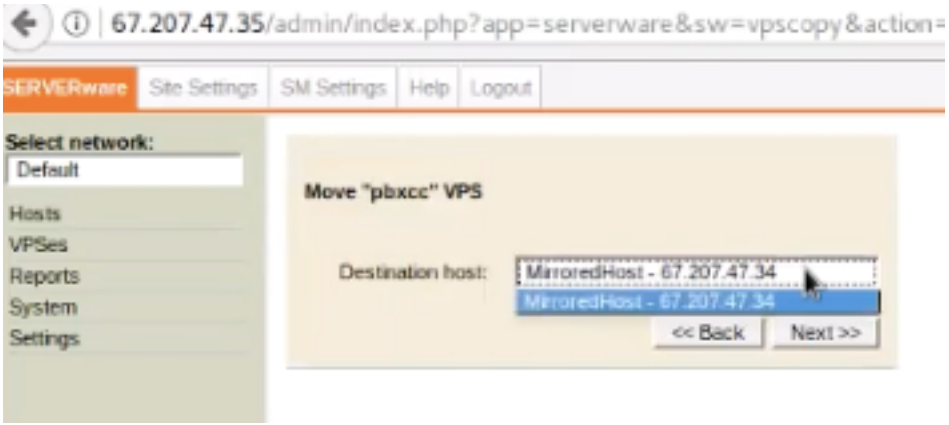
VPSes: Check Controller .35 and then STOP



VPSes: Notice Status is now Stopped. Check Controller .35 and then on Move Selected VPS



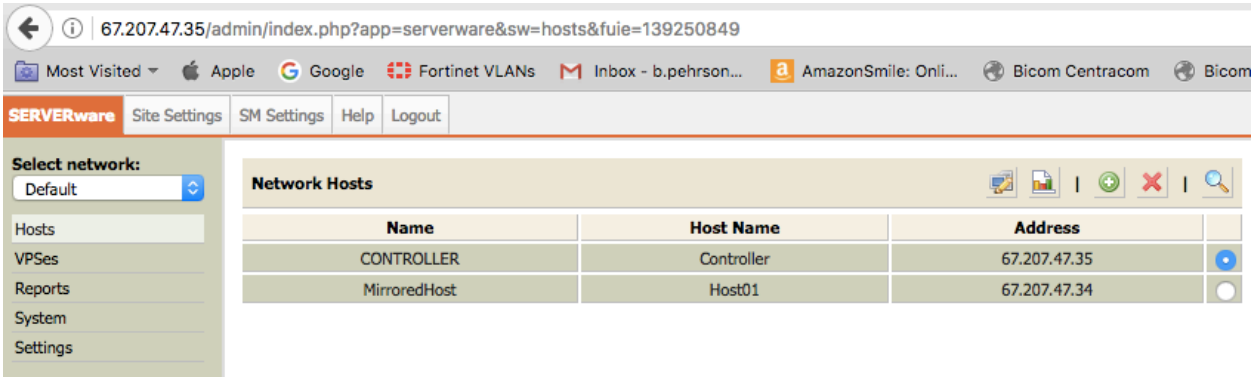
Select MirroredHost .34 and then Next



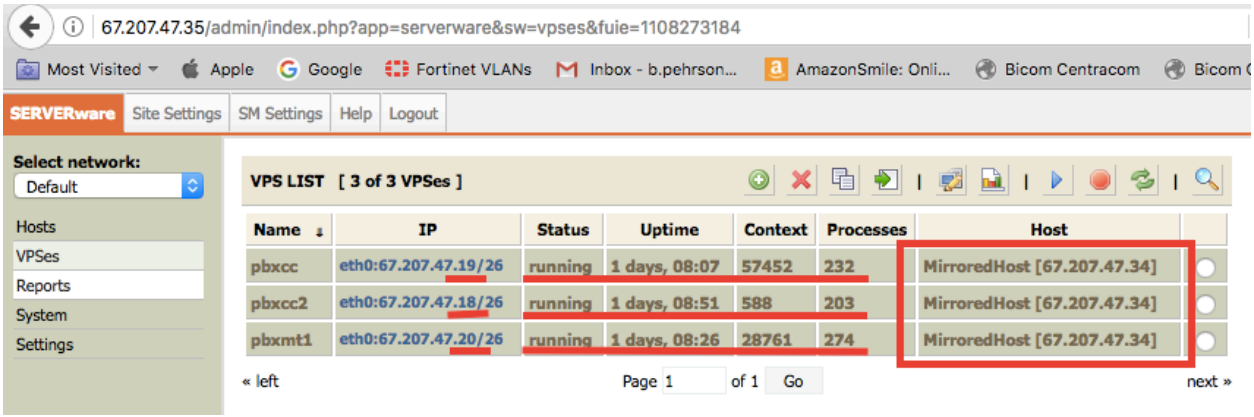
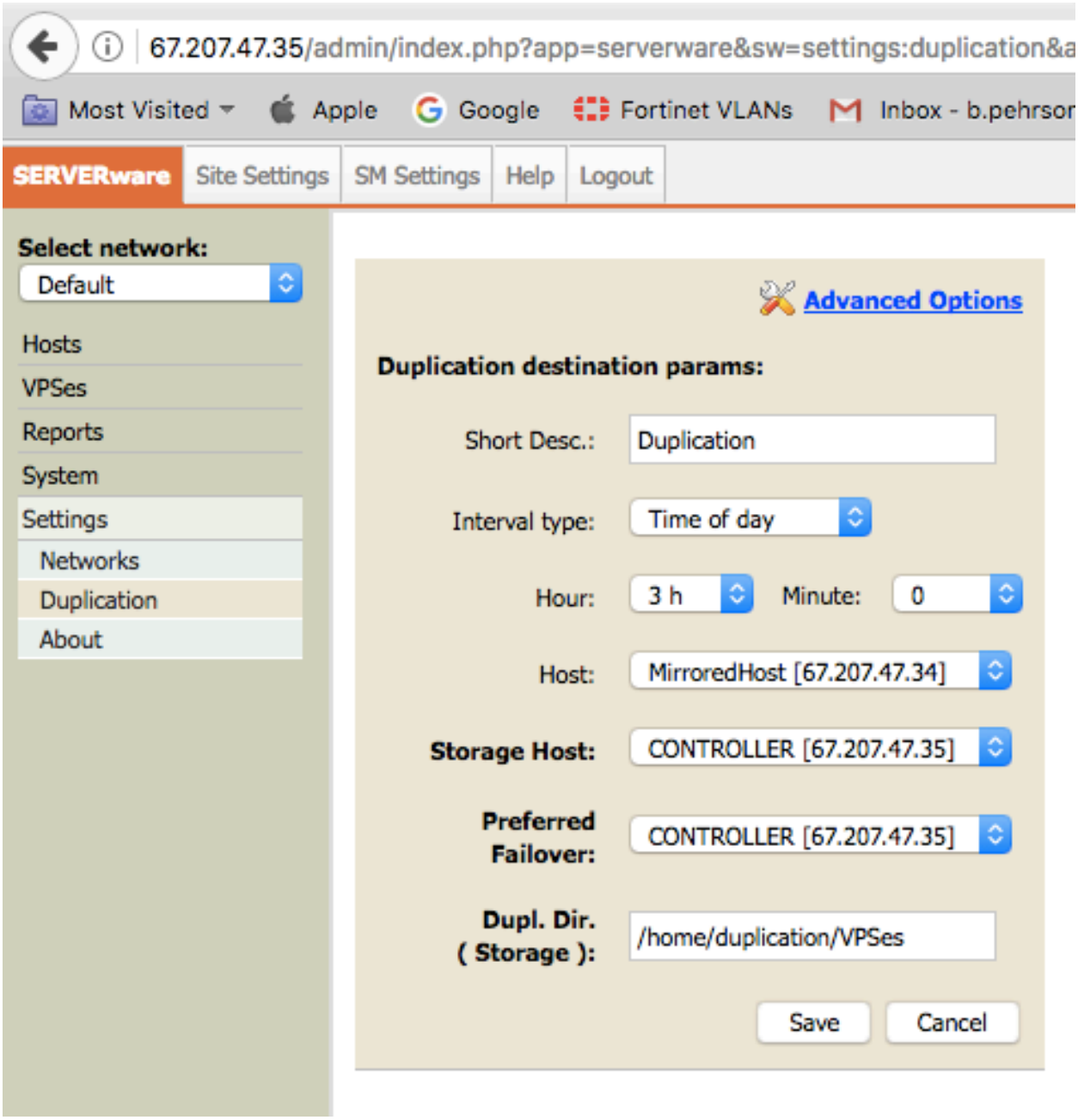
Now you will wait for it to complete the sync process. Depending upon how much data needs to sync it may take a few minutes or it could take 20 minutes. It varies.

Once all “Controller VPSes running” have been stopped and then successfully synced (one by one), you will see only 1 appearance of each VPS (.18, .19, .20) in which you with then select them and start them (the BLUE play icon = START) one by one.

Once all of that is completed this is what you will see from the Hosts Tab.



This is what the VPSes should look like in their optimal state



Now you must turn Duplication back on. The settings should look like this, then SAVE.