How to run a second reflector on the same VPS.

Make a copy of the executable program.

root@debian:/etc/init.d# cd /usr/local/bin
root@debian:/usr/local/bin# cp P25Reflector P25Reflector2

root@debian:/etc/init.d# cp P25Reflector.sh P25Reflector2.sh

Change a couple of lines in the new shell script.
nano P25Reflector2.sh

PROG_ARGS="/opt/P25Reflector2/P25Reflector2.ini"
PIDFILE="/var/run/P25Reflector2.pid"

Save it.

Create a path for the 2nd 'ini' (configuration file).
mkdir /opt/P25Reflector2

Copy the main P25Reflector.ini to the new path and rename it.

cp /opt/P25Reflector/P25Reflector.ini /opt/P25Reflector2/P25Reflector2.ini

cd /opt/P25Reflector2

Use this at your own risk.

Edit the P25Reflector2.ini to point to the right reflector log path. Since this is the 2nd P25 Reflector it must operate on a different port.

nano P25Reflector2.ini

[General]
Daemon=0

[Id Lookup]
Name=/var/lib/mmdvm/DMRIds.dat
Time=24

[Log]
# Logging levels, 0=No logging, 1=Debug, 2=Message, 3=Info, 4=Warning, 5=Error, 6=Fatal
DisplayLevel=1
FileLevel=2
FilePath=/var/log/P25Reflector2
FileRoot=P25Reflector2
FileRotate=1

[Network]
Port=41001
Debug=0

You changed the items highlighted.   Save it.

Create the directory for the log files.

mkdir /var/log/P25Reflector2

You can start it manually like this and it will run in the background. You can tail the log file to see it running.   Usage for the script is "start or stop or reload".   If you want to watch it run in the foreground; ' ./P25Reflector2.sh start ''.

root@debian:~# ./P25Reflector2.sh start &>/dev/null &
[1] 121764

Jobs will show it running in the background.

root@debian:~# jobs
[1]+ Running   ./P25Reflector2.sh start &> /dev/null &

Like the first P25Reflector.sh, P25Reflector2.sh will start automatically on boot if it remains under /etc/init.d. However, you can place the script in a different directory (/root or /home/username) and run it from there manually as shown above.