

I did some clean-up on the scripts so they work a little better now for what I want.

Note - this can be done on client radios, APs and core routers...

Below is my updated script stuff:

First - what this does:

#1 It will ping test an IP address. This can be a remote IP address

#2 If the remote IP address does not answer any pings for about 5 minutes, then the router reboots.

To set it up - follow these steps using Winbox:

Note: In my example I am testing to remote IP address 192.0.2.254

Note: You will need to change anything I have below from 192.0.2.254 to your IP address you wish to test.

Note: Example if you will be testing 10.10.18.5 then change stuff like what is shown below

Note: "NetWatchBoot-192.0.2.254" would be changed to "NetWatchBoot-10.10.18.5"

Note: Again - change all IP address shown below everywhere from "192.0.2.254" to the IP address you are testing

A - Remove the IP address from System-->Watchdog-->Watch Address

(We do not want the System-->Watchdog-->Watch Address to cause a reboot in 60 seconds)

(The Watch Address box should be empty and should not have a white background)

(There should be a check in the box for Watchdog timer)

B - Go to System-->Scripts

Click on the red "+"

Give your script a Name (in my example I will use "NetWatchBoot-192.0.2.254")

C - In the Source: area paste in the lines below:

```
:if ([/ping 192.0.2.254 interval=5 count=60] =0) do={  
/system reboot  
}
```

(There should be a single blank line under the last } in your script)

D - Click the Apply button - then click the OK button

At this time - we have a script - it is not running or active yet.

E - Go to Tools-->Netwatch

Click on the red "+"

On the Host tab - type in 192.0.2.254

(Your IP address may be different - it is the same IP address you used from "B" above)

F - Click on the Down tab

Paste in the line below:

```
log info "Netwatch missed a ping to 192.0.2.254 - starting 5 minute timeout script" ; /system script run  
NetWatchBoot-192.0.2.254
```

(There should be a single blank line under the line you just put in)

G - Click the Apply button - then click the OK button

---- You are done ----

NOTE: In your Logs, if you see "Netwatch missed a ping to 192.0.2.254 - starting 5 minute timeout script", then this is an indicator the remote IP address you are testing to was not reachable.

If you see many of these messages in your logs, you should examine your network reliability to the device you are testing to.

NOTE: In your Logs, if you see "router rebooted", then your router may of been rebooted by the script "NetWatchBoot-192.0.2.254" however this may not be what caused the reboot - it may of been rebooted for other reasons.

NOTE: In System-->Scripts-->(Jobs tab), if you see "NetWatchBoot-192.0.2.254", then the script "NetWatchBoot-192.0.2.254" is running at that moment because it was called from a missed ping in your Tools-->Netwatch-->192.0.2.254 configuration. The script "NetWatchBoot-192.0.2.254" is currently and actively performing ping tests for 5 minutes. If during the 5 minutes you receive a ping the script will abort. If the script continues to miss test pings for a full 5 minutes, then the router will reboot.

I like this updated version of the script because it now places some information in the logs.

Tom Jones

a WISP in North Idaho