

How to Disable and Enable incoming connections during certain hours and with DTMF

Note, This is on the Hamvoip version

Edit the **rpt.conf** file and in the [Function] Stanza add the following 2 lines
(980 and 981 can be any available numbers)

```
980=cop,49 ; Disable Incoming Connections (Control State noice) *980  
981=cop,50 ; Enable Incomming Connections (Control State noicd) *981
```

save the changes then create a cron

To set a cron Log into the node using PUTTY

Select option 9 - Start Bash Shell Interface

type **crontab -e**

add the following lines *Change XXXXX to your Node Number*

```
#Disable all incoming connections at 11 pm every day on XXXXX  
00 23 * * * /usr/sbin/asterisk -rx "rpt fun XXXXX *980"  
#Enable all incoming connections at 7 am every day on XXXXX  
00 07 * * * /usr/sbin/asterisk -rx "rpt fun XXXXX *981"
```

Then hit **Control O** Select **Y** then **Control X**

(Write out, Acceopt,Exit) *Change the times as needed*

If you are using SuperMon you can log in and hit the button marked **<CONTROL>** Then from the drop down menu select Disable or Enable Incoming connections and then press Execute.

Don't forget to run from the main login screen the Option 1 Perform a System Update option. There are bug fixes and updates that you can do.

After all changes are made either Restart Asterisk Option 13 or Reboot the system Option 15 and exit.

This should be all you need to disable and enable connections between certain hours but still have the ability to enable/disable as needed via DTMF

This is one way to do it, I found another also that requires change the Control States Stanza, but this is fairly straight forward and should do the job.

To learn more detailed information about Cop Commands and Control States see http://wiki.allstarlink.org/wiki/Rpt.conf#COP_Commands

Bob W2YMM

Here is a list of all available COP Commands

1/2018

* cop (control operator) cmds:

**

- 1 - System warm boot
- * 2 - System enable
- * 3 - System disable
- * 4 - Test Tone On/Off
- * 5 - Dump System Variables on Console (debug)
- * 6 - PTT (phone mode only)
- * 7 - Time out timer enable
- * 8 - Time out timer disable
- * 9 - Autopatch enable
- * 10 - Autopatch disable
- * 11 - Link enable
- * 12 - Link disable
- * 13 - Query System State
- * 14 - Change System State
- * 15 - Scheduler Enable
- * 16 - Scheduler Disable
- * 17 - User functions (time, id, etc) enable
- * 18 - User functions (time, id, etc) disable
- * 19 - Select alternate hang timer
- * 20 - Select standard hang timer
- * 21 - Enable Parrot Mode **EXAMPLE 971=cop,21; enable Parrot Mode *971 to execute**
- * 22 - Disable Parrot Mode
- * 23 - Birdbath (Current Parrot Cleanup/Flush)
- * 24 - Flush all telemetry
- * 25 - Query last node un-keyed
- * 26 - Query all nodes keyed/unkeyed
- * 27 - Reset DAQ minimum on a pin
- * 28 - Reset DAQ maximum on a pin
- * 30 - Recall Memory Setting in Attached Xcvr
- * 31 - Channel Selector for Parallel Programmed Xcvr
- * 32 - Touchtone pad test: command + Digit string + # to playback all digits pressed
- * 33 - Local Telemetry Output Enable
- * 34 - Local Telemetry Output Disable
- * 35 - Local Telemetry Output on Demand
- * 36 - Foreign Link Local Output Path Enable
- * 37 - Foreign Link Local Output Path Disable
- * 38 - Foreign Link Local Output Path Follows Local Telemetry
- * 39 - Foreign Link Local Output Path on Demand
- * 42 - Echolink announce node # only
- * 43 - Echolink announce node Callsign only
- * 44 - Echolink announce node # & Callsign
- * 45 - Link Activity timer enable

- * 46 - Link Activity timer disable
- * 47 - Reset "Link Config Changed" Flag
- * 48 - Send Page Tone (Tone specs separated by parenthesis)
- * 49 - Disable incoming connections (control state noice)
- * 50 - Enable incoming connections (control state noicd)
- * 51 - Enable sleep mode
- * 52 - Disable sleep mode
- * 53 - Wake up from sleep
- * 54 - Go to sleep
- * 55 - Parrot Once if parrot mode is disabled
- * 56 - Rx CTCSS Enable
- * 57 - Rx CTCSS Disable
- * 58 - Tx CTCSS On Input only Enable
- * 59 - Tx CTCSS On Input only Disable
- * 60 - Send MDC-1200 Burst (cop,60,type,UnitID[,DestID,SubCode])
- * Type is 'I' for PttID, 'E' for Emergency, and 'C' for Call
- * (SelCall or Alert), or 'SX' for STS (ststus), where X is 0-F.
- * DestID and subcode are only specified for the 'C' type message.
- * UnitID is the local systems UnitID. DestID is the MDC1200 ID of
- * the radio being called, and the subcodes are as follows:
- * Subcode '8205' is Voice Selective Call for Spectra ('Call')
- * Subcode '8015' is Voice Selective Call for Maxtrac ('SC') or
- * Astro-Saber('Call')
- * Subcode '810D' is Call Alert (like Maxtrac 'CA')
- * 61 - Send Message to USB to control GPIO pins (cop,61,GPIO1=0[,GPIO4=1].....)
- * 62 - Send Message to USB to control GPIO pins, quietly (cop,62,GPIO1=0[,GPIO4=1].....)
- * 63 - Send pre-configured APRSTT notification (cop,63,CALL[,OVERLAYCHR])
- * 64 - Send pre-configured APRSTT notification, quietly (cop,64,CALL[,OVERLAYCHR])
- * 65 - Send POCSAG page (equipped channel types only)