

ircDDBGateway V20200621 upgrade - Part-2
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After installing at **Part-1**, edit the new text version of ircddbgatewayconfig file is required, to complete setup. Refer to the **NOTE** at the bottom of this page first before continuing as you might prefer to edit after using the GUI version for initial main settings. It is a bit easier.

The config text file is now named “ircddbgateway” in the 20200621 version and located in /etc.

Use sudo pmanfm, sudo leafpad or sudo nano when in command line LX Terminal.

The reasons why are that the ircddbgatewayconfig executable GUI file does not allow ircDDB Host name selection to ircv4.openquad.net and only the redundant and obsolete rr.openquad.net.

The example shown is for the user ZL2TWT and to be replaced with your call sign while editing

D-PRS (APRS) Host name and port number must also be edited and not available via the GUI version.

D-PRS (APRS) port range forwarded by typical routers is 14580 to 14587.

In the example below I used 14581 but anything in the above range can be used. 14580 would suit as a default.

Shut down both ircDDBGateway and DStarRepeater GUI programs.

Open LX Terminal and type sudo pmanfm to start the editor program.

sudo leafpad can also be used for GUI editors.

For “nano” type cd / to get back to root and then sudo nano /etc/ircddbgateway.

Using GUI editors navigate to /etc and find the text file “ircddbgateway”

Scroll through the list to locate the text below. Enter in as required and save the file.

ircddbEnabled=1
ircddbHostname=ircv4.openquad.net
ircddbUsername=zl2tw

aprsEnabled=1
aprsAddress=aunz.aprs2.net
aprsPort=14581
dextraEnabled=1
dextraMaxDongles=5
dplusEnabled=1
dplusMaxDongles=5
dplusLogin=ZL2TWT
dcsEnabled=1
ccsEnabled=0
ccsHost=
xlxEnabled=1
xlxHostsFileUrl=http://xlxapi.rlx.lu/api.php?do=GetXLXDMRMaster

If CCS is required as a default then **CCS704** can be added and **ccsEnabled=1** entered.

NOTE: If ircddbgatewayconfig GUI is executed and anything changed and saved it will over write the changes you have made above, back to incorrect settings. ircddbgateway GUI can be viewed for checking purposes where you will see and confirm **ircDDB 1st Network** will display **ircDDB** “Enabled” and **Username** “zl2tw”
D-PRS tab will display **D-PRS** “Enabled”, **Address** as “aunz.aprs2.net” and **Port** as “14581”

At initial setup ircddbgateway GUI can be used for all other entries if you find this easier and after saving follow the above instructions to enter in the correct setting for **ircBBD 1st Network** and **D-PRS** only. All other entries can be added and saved correctly. This is the way I do my setup. GUI first followed by test editor method.

The next four pages lists my installation complete ircddbgateway config text file as this might help to understand some other entries. My installation is a single frequency B Band Gateway Type-Hotspot, Repeater Type-Homebrew using a DVAP. Seen in the text version as “gatewayType=1” “repeaterBand1=B” “repeaterType1=0

gatewayType=1
gatewayCallsign=ZL2TWT
gatewayAddress=
icomAddress=172.16.0.20
icomPort=20000
hbAddress=127.0.0.1
hbPort=20010
latitude=-41.2084475
longitude=174.9263056
description1=Lower Hutt,
description2=Wellington, NZ
url=zl2vh.org.nz
repeaterCall1=
repeaterBand1=B
repeaterType1=0
repeaterAddress1=127.0.0.1
repeaterPort1=20011
reflector1=XLX299 B
atStartup1=0
reconnect1=0
frequency1=432.80000
offset1=0.0000
rangeKms1=1.000
latitude1=-41.147700
longitude1=175.141350
agl1=8.000
description1_1=Lower Hutt,
description1_2=Wellington, NZ
url1=zl2vh.org.nz
band1_1=0
band1_2=0
band1_3=0
repeaterCall2=
repeaterBand2=
repeaterType2=0
repeaterAddress2=127.0.0.1
repeaterPort2=20012
reflector2=
atStartup2=0
reconnect2=0
frequency2=0.00000
offset2=0.0000
rangeKms2=0.000
latitude2=0.000000
longitude2=0.000000
agl2=0.000
description2_1=
description2_2=
url2=
band2_1=0
band2_2=0
band2_3=0
repeaterCall3=
repeaterBand3=
repeaterType3=0
repeaterAddress3=127.0.0.1

repeaterPort3=20013
reflector3=
atStartup3=0
reconnect3=0
frequency3=0.00000
offset3=0.0000
rangeKms3=0.000
latitude3=0.000000
longitude3=0.000000
agl3=0.000
description3_1=
description3_2=
url3=
band3_1=0
band3_2=0
band3_3=0
repeaterCall4=
repeaterBand4=
repeaterType4=0
repeaterAddress4=127.0.0.1
repeaterPort4=20014
reflector4=
atStartup4=0
reconnect4=0
frequency4=0.00000
offset4=0.0000
rangeKms4=0.000
latitude4=0.000000
longitude4=0.000000
agl4=0.000
description4_1=
description4_2=
url4=
band4_1=0
band4_2=0
band4_3=0
ircddbEnabled=1
ircddbHostname=ircv4.openquad.net
ircddbUsername=z12tw
ircddbPassword=
ircddbEnabled2=0
ircddbHostname2=
ircddbUsername2=
ircddbPassword2=
ircddbEnabled3=0
ircddbHostname3=
ircddbUsername3=
ircddbPassword3=
ircddbEnabled4=0
ircddbHostname4=
ircddbUsername4=
ircddbPassword4=
aprsEnabled=1
aprsAddress=aunz.aprs2.net
aprsPort=14581
dextraEnabled=1

dextraMaxDongles=5
dplusEnabled=1
dplusMaxDongles=5
dplusLogin=ZL2TWT
dcsEnabled=1
ccsEnabled=0
ccsHost=
xlxEnabled=1
xlxHostsFileUrl=http://xlxapi.rlx.lu/api.php?do=GetXLXDMMRMaster
starNetBand1=A
starNetCallsign1=
starNetLogoff1=
starNetInfo1=
starNetPermanent1=
starNetUserTimeout1=300
starNetGroupTimeout1=300
starNetCallsignSwitch1=0
starNetTXMsgSwitch1=1
starNetReflector1=
starNetBand2=A
starNetCallsign2=
starNetLogoff2=
starNetInfo2=
starNetPermanent2=
starNetUserTimeout2=300
starNetGroupTimeout2=300
starNetCallsignSwitch2=0
starNetTXMsgSwitch2=1
starNetReflector2=
starNetBand3=A
starNetCallsign3=
starNetLogoff3=
starNetInfo3=
starNetPermanent3=
starNetUserTimeout3=300
starNetGroupTimeout3=300
starNetCallsignSwitch3=0
starNetTXMsgSwitch3=1
starNetReflector3=
starNetBand4=A
starNetCallsign4=
starNetLogoff4=
starNetInfo4=
starNetPermanent4=
starNetUserTimeout4=300
starNetGroupTimeout4=300
starNetCallsignSwitch4=0
starNetTXMsgSwitch4=1
starNetReflector4=
starNetBand5=A
starNetCallsign5=
starNetLogoff5=
starNetInfo5=
starNetPermanent5=
starNetUserTimeout5=300
starNetGroupTimeout5=300

starNetCallsignSwitch5=0
starNetTXMsgSwitch5=1
starNetReflector5=
remoteEnabled=1
remotePassword=kiwidstar
remotePort=20020
language=0
infoEnabled=1
echoEnabled=1
logEnabled=1
dratsEnabled=1
dtmfEnabled=1
gpsdEnabled=0
gpsdAddress=127.0.0.1
gpsdPort=2947
windowX=10
windowY=442