

Welcome to the VK-DMR Hotspot Update for connection to the New IPSC2 Hotspot Server

Follow the information been provided and t he final check area to make sure you are on the new IPSC2 Hotspot Server

First up log into your Dashboard for your Hotspot, Then click on the Configuration Name on the Top line area , see Picture

Hostname: pi-star Pi-Star: 4.1.2 / Dashboard: 20201005

Pi-Star Digital Voice Dashboard for

Dashboard | Admin **Configuration**

Modes Enabled	
D-Star	DMR
YSF	P25
YSF XMode	NXDN
DMR XMode	POCSAG

Network Status	
D-Star Net	DMR Net
YSF Net	P25 Net
YSF2DMR	NXDN Net
YSF2NXDN	YSF2P25
DMR2NXDN	DMR2YSF

Radio Info	
Trx	Listening DMR
Tx	446.525000 MHz
Rx	446.525000 MHz
FW	HS_Hat:v1.4.17
TCXO	14.7456 MHz

DMR Repeater	
DMR ID	5053008
DMR CC	1
TS1	disabled
TS2	enabled

DMR Master	
DMR+ IPSC2-VKHOTS..	

Gateway Activity							
Time (AEDT)	Mode	Callsign	Target	Src	Dur (s)	Loss	BER
10:21:44 Oct 14th	DMR Slot 2	4000	IG 9	Net	2.3	0%	0.0%

Local RF Activity							
Time (AEDT)	Mode	Callsign	Target	Src	Dur (s)	BER	RSSI

Pi-Star / Pi-Star Dashboard, © Andy Taylor (MW0MWZ) 2014-2020.
ircDDBGateway Dashboard by Hans-J. Barthen (DL5DI),
MMDVMDash developed by Kim Huebel (DG9VH),
Need help? Click here for the Facebook Group
or Click here to join the Support Forum
Get your copy of Pi-Star from here.

The Top Red Box is the Current Version of Pi-Star Yours might be an older version so this will bring you up to date (**Write down your old Version information**) to check you have the latest Dashboard Click on the Configuration Box to go to the next step

Welcome to the VK-DMR Hotspot Update for connection to the New IPSC2 Hotspot Server

Now click on the Update name as the picture shows below



Pi-Star: 4.1.2 / Dashboard: 20201005

Pi-Star Digital Voice - Configuration

Dashboard | Admin | Expert | Power | **Update** | Backup/Restore | Factory Reset

Gateway Hardware Information

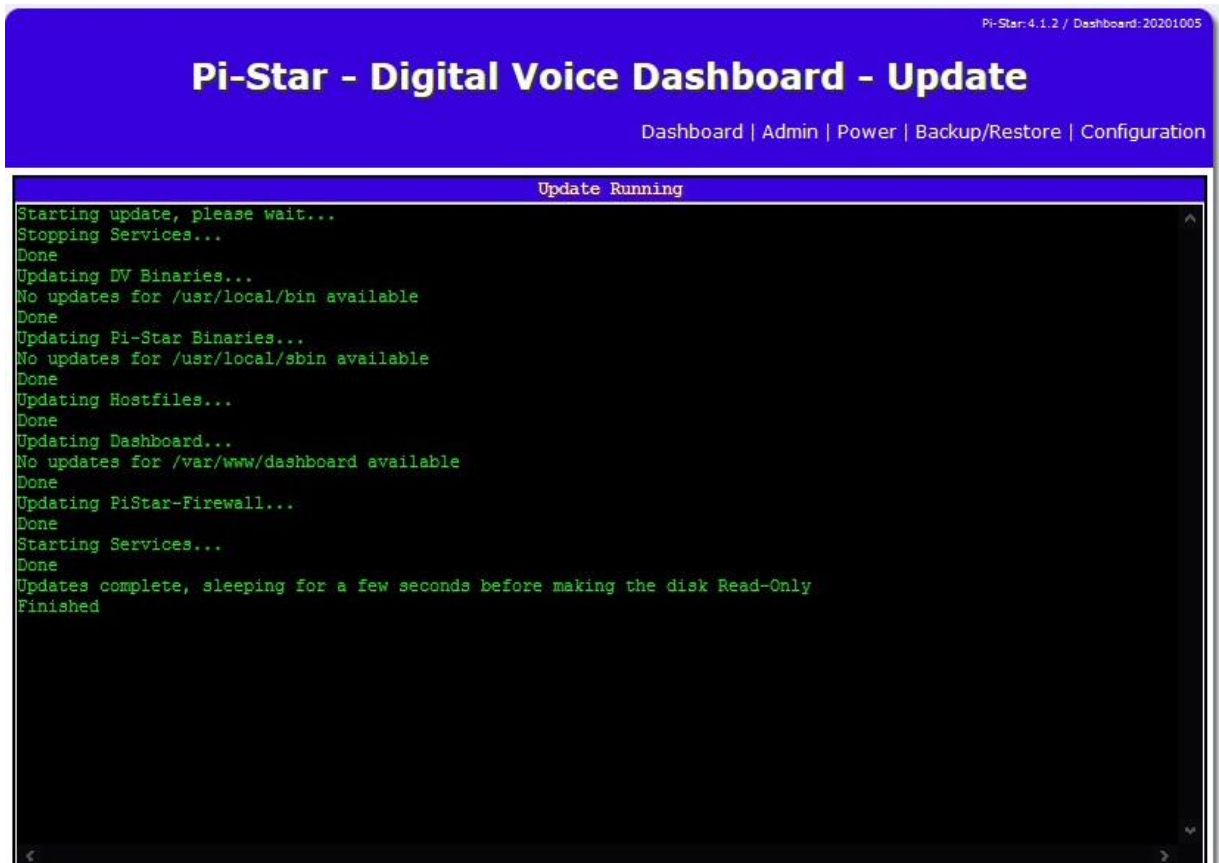
Hostname	Kernel	Platform	CPU Load	CPU Temp
pi-star	4.19.97-v7+	Pi 3 Model B+ (1GB) - Sony, UK	0.48 / 0.48 / 0.2	35.4°C / 95.7°F

Control Software

Setting	Value
Controller Software:	<input type="radio"/> DStarRepeater <input checked="" type="radio"/> MMDVMHost (DV-Mega Minimum Firmware 3.07 Required)
Controller Mode:	<input checked="" type="radio"/> Simplex Node <input type="radio"/> Duplex Repeater (or Half-Duplex on Hotspots)

[Apply Changes](#)

Then you will see a new window that will open and the Automatic Updates will start, and you might need to wait awhile for this to complete, See Picture below:



Pi-Star: 4.1.2 / Dashboard: 20201005

Pi-Star - Digital Voice Dashboard - Update

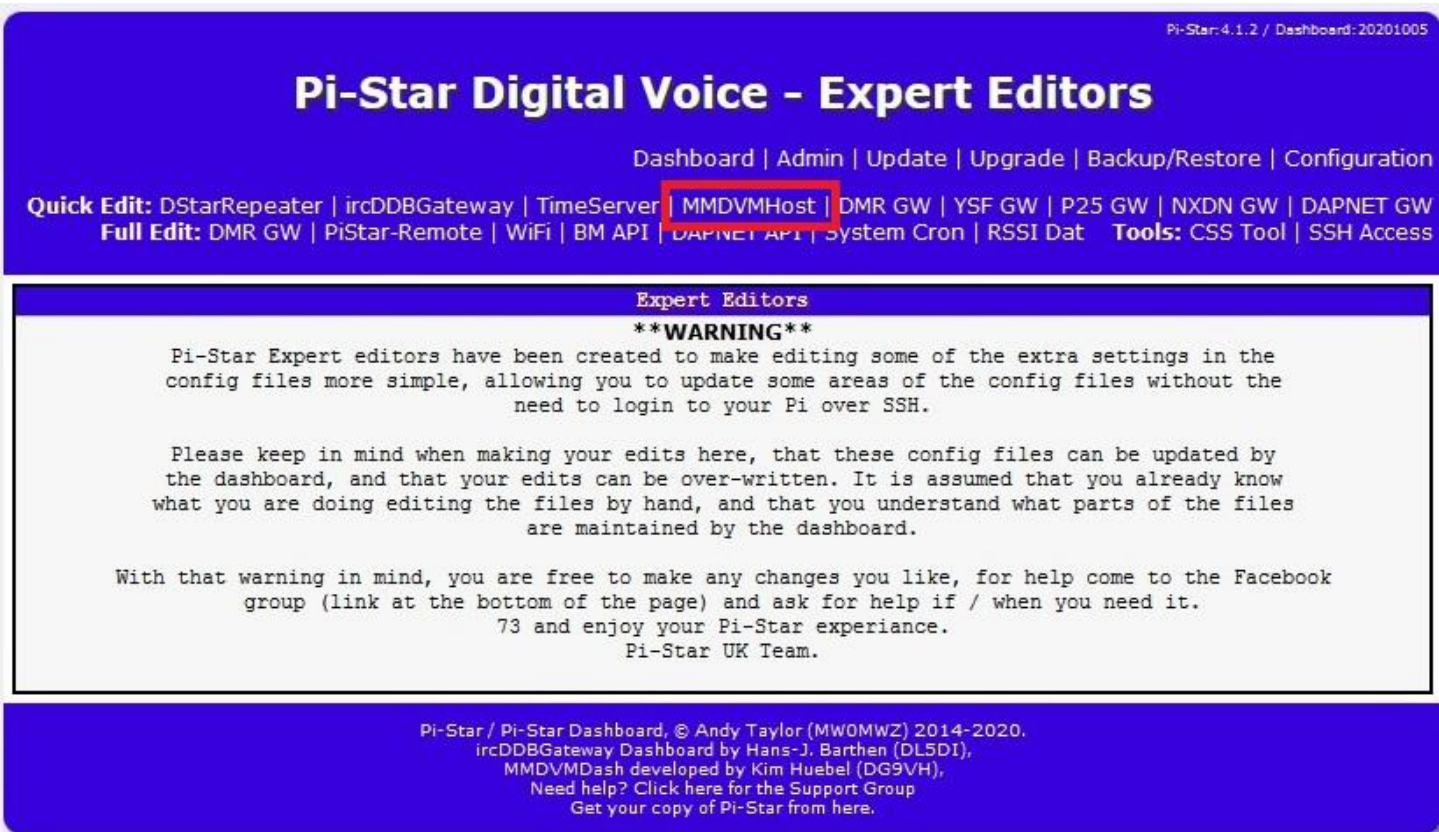
Dashboard | Admin | Power | Backup/Restore | Configuration

Update Running

```
Starting update, please wait...
Stopping Services...
Done
Updating DV Binaries...
No updates for /usr/local/bin available
Done
Updating Pi-Star Binaries...
No updates for /usr/local/sbin available
Done
Updating Hostfiles...
Done
Updating Dashboard...
No updates for /var/www/dashboard available
Done
Updating PiStar-Firewall...
Done
Starting Services...
Done
Updates complete, sleeping for a few seconds before making the disk Read-Only
Finished
```

Welcome to the VK-DMR Hotspot Update for connection to the New IPSC2 Hotspot Server

Once the updated are Finished wait 30 Seconds from when the Updated has the word finished on the bottom of the Picture. Then click on the Configuration again, and then look for Expert and Click on this Name, a new window will have this image below:



Pi-Star:4.1.2 / Dashboard:20201005

Pi-Star Digital Voice - Expert Editors

Dashboard | Admin | Update | Upgrade | Backup/Restore | Configuration

Quick Edit: DStarRepeater | ircDDBGateway | TimeServer | **MMDVMHost** | DMR GW | YSF GW | P25 GW | NXDN GW | DAPNET GW
Full Edit: DMR GW | PiStar-Remote | WiFi | BM API | ~~DAPNET API~~ | System Cron | RSSI Dat **Tools:** CSS Tool | SSH Access

Expert Editors

****WARNING****

Pi-Star Expert editors have been created to make editing some of the extra settings in the config files more simple, allowing you to update some areas of the config files without the need to login to your Pi over SSH.

Please keep in mind when making your edits here, that these config files can be updated by the dashboard, and that your edits can be over-written. It is assumed that you already know what you are doing editing the files by hand, and that you understand what parts of the files are maintained by the dashboard.

With that warning in mind, you are free to make any changes you like, for help come to the Facebook group (link at the bottom of the page) and ask for help if / when you need it.
73 and enjoy your Pi-Star experience.
Pi-Star UK Team.

Pi-Star / Pi-Star Dashboard, © Andy Taylor (MW0MWZ) 2014-2020.
ircDDBGateway Dashboard by Hans-J. Barthen (DL5DI),
MMDVMDash developed by Kim Huebel (DG9VH),
Need help? Click here for the Support Group
Get your copy of Pi-Star from here.

Now Click the MMDVMHost Name

Go down to next image, so we can make sure your Hotspot is NOT sending out Beacons all the time, as this has been known to get Amateurs Band from some Networks as they just Beacon for no reason at all.

Welcome to the VK-DMR Hotspot Update for connection to the New IPSC2 Hotspot Server

Once you have clicked on the MMDVMHost you will get a new screen, and you need to scroll down to the next name called DMR, as you need to make sure that the Beacon and BeaconInterval is set to 0 (Zero)

DMR	
Enable	1
Beacons	0
BeaconInterval	0
BeaconDuration	0
ColorCode	1
SelfOnly	1
EmbeddedLCOOnly	0
DumpTADData	1
CallHang	3
TXHang	4
ModeHang	20
Id	505300802
OVCM	0

Apply Changes

System Fusion

Now scroll down more to find the name DMR Network and check to see the new IP is here as per the image below:

DMR Network	
Enable	1
Address	43.245.72.67
Port	55555
Jitter	360
Password	PASSWORD
Slot1	0
Slot2	1
Debug	0
ModeHang	20
Options	StartRef=4000;RelinkTim

If this is correct then welcome to the New IPSC2 Hotspot Server, and all of your original TG's plus the new TG's are available to you