

Backing up, or restoring, your Pi-Star configuration

Creating backups of your Pi-Star hotspot configuration is easy and works very well. Follow these steps to navigate to the Backup/Restore screen.

Open Pi-Star

Click "Configuration"

You might be asked to log in to Pi-Star. If so, log in.

Hostname: k5svv4 Pi Star:3.4.17 / Dashboard: 20190709

Pi-Star Digital Voice Dashboard for K5SVV

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	434.000000 MHz
Rx	434.000000 MHz
Fw	ZUMspot:V1.4.17
TCXO	14.7456 MHz

DMR Repeater	
DMR ID	3148618
DMR CC	1
TS1	disabled
TS2	enabled
TG 3148/No Ref	

Gateway Activity									
Time (CDT)	Mode	Call Sign	Target	Src	Dur(s)	Loss	BER		
18:06:04 Aug 22nd	YSF	KM4GV	ALL at FCS003-90	Net	4.2	0%	0.0%		
18:05:22 Aug 22nd	DMR Slot 2	KFSMG	TG 3148	Net	1.6	0%	0.0%		
18:04:02 Aug 22nd	YSF	W5BM	ALL at FCS003-90	Net	6.9	0%	0.0%		
18:02:52 Aug 22nd	YSF	K5NX	ALL at FCS003-90	Net	1.9	0%	0.0%		
18:02:28 Aug 22nd	YSF	KM4GV	ALL at FCS003-90	Net	2.7	0%	0.0%		
18:01:05 Aug 22nd	YSF	KC5RDL	ALL at FCS003-90	Net	1.6	0%	0.0%		
18:00:04 Aug 22nd	YSF	AMERICAN	ALL at FCS003-90	Net	0.7	0%	0.0%		
17:53:59 Aug 22nd	YSF	AB1XX	ALL at FCS003-90	Net	17.2	0%	0.0%		
17:53:20 Aug 22nd	YSF	N5ALH	ALL at FCS003-90	Net	35.8	0%	0.0%		
17:48:14 Aug 22nd	YSF	W5RVV	ALL at FCS003-90	Net	1.4	0%	0.0%		
17:47:16 Aug 22nd	YSF	AE7HF	ALL at FCS003-90	Net	47.2	0%	0.0%		
17:44:09 Aug 22nd	YSF	N3IG	ALL at FCS003-90	Net	8.2	0%	0.0%		
17:43:53 Aug 22nd	YSF	K3HCD	ALL at FCS003-90	Net	7.3	0%	0.0%		
17:42:31 Aug 22nd	YSF	N2DEA	ALL at FCS003-90	Net	11.7	0%	0.0%		
17:39:39 Aug 22nd	YSF	KE6NKP	ALL at FCS003-90	Net	53.5	0%	0.0%		
17:33:52 Aug 22nd	YSF	VE3OHF	ALL at FCS003-90	Net	0.3	0%	0.0%		
17:33:10 Aug 22nd	YSF	K3MR	ALL at FCS003-90	Net	13.2	0%	0.0%		
17:30:35 Aug 22nd	YSF	N2HZG	ALL at FCS003-90	Net	0.3	0%	0.0%		
17:23:11 Aug 22nd	YSF	KM4CFV	ALL at FCS003-90	Net	0.5	0%	0.0%		
17:22:17 Aug 22nd	YSF	KU4PD	ALL at FCS003-90	Net	0.7	0%	0.0%		

Local RF Activity									
Time (CDT)	Mode	Call Sign	Target	Src	Dur(s)	BER	RSSI		

http://k5svv4.local/admin/

18:06 8/22/2019

On the Configuration screen Click "Backup/Restore"

Pi-Star Digital Voice - Configuration
Pi-Star: 3.4.17 / Dashboard: 20190709

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

Gateway Hardware Information

Hostname	Kernel	Platform	CPU Load	CPU Temp
k5svvm4	4.9.35+	Pi Zero W Rev 1.1 (512MB)	3.62 / 2.34 / 2.71	44.4°C / 111.9°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 Mode <input type="radio"/> Duplex Repeater (or Half-Duplex on Hotspots)

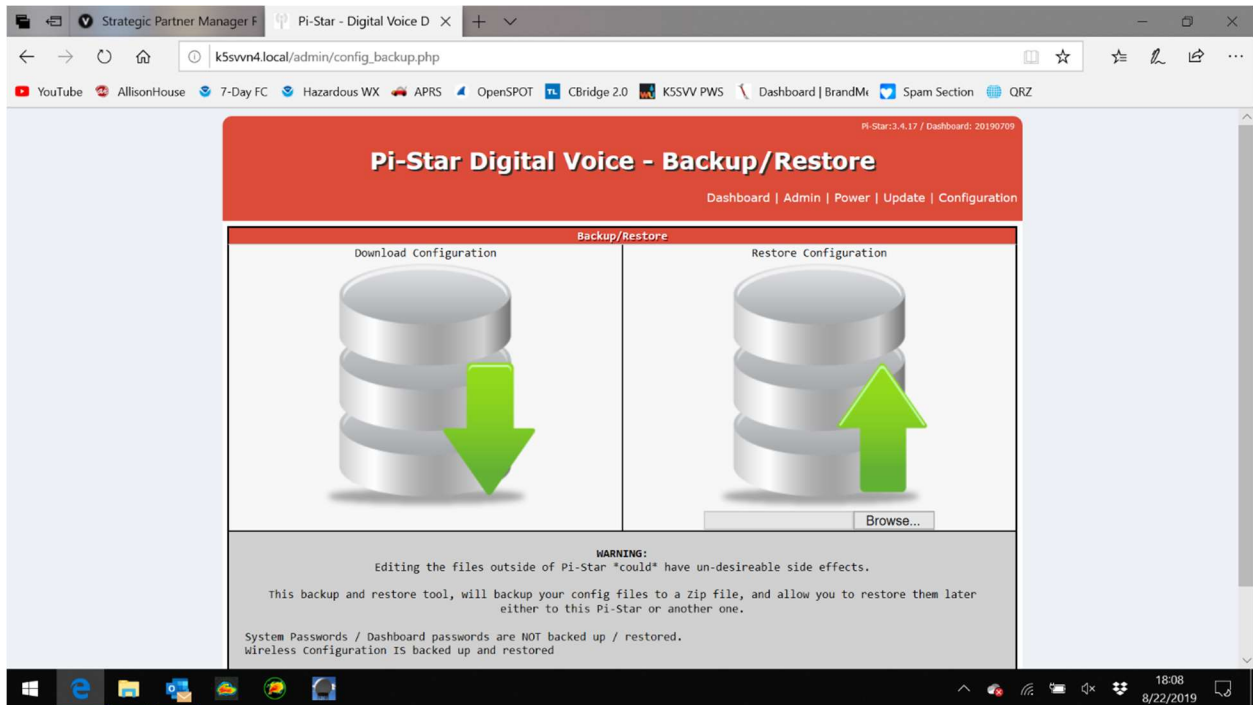
Apply Changes

MMDVMHost Configuration

Setting	Value
DMR Mode:	<input checked="" type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
D-Star Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
YSF Mode:	<input checked="" type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
P25 Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
NXDN Mode:	<input type="checkbox"/> RF Hangtime: 20 Net Hangtime: 20
YSF2DMR:	<input type="checkbox"/>
YSF2NXDN:	<input type="checkbox"/>
YSF2P25:	<input type="checkbox"/>
DNR2YSF:	<input type="checkbox"/> Uses 7 prefix on DMRGateway
DNR2NXDN:	<input type="checkbox"/> Uses 7 prefix on DMRGateway

18:08
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After clicking “Backup/Restore” you will see this screen



The process is pretty simple.

To download (backup) a configuration click the green down arrow to save the config to your PC. I suggest you append the date or a version number to the file name so you can identify it later. Be sure and save this file to a folder so you can find it later. As noted on the screen the download will create a .zip file.

If you want, or need, to restore a configuration file use the “Browse” window to locate the .zip file you wish to load onto the hotspot. Then click the green up arrow to upload (restore) the file to your hotspot.

This feature is very useful when experimenting with different hotspot configs. Be sure and save a “working master” config before you start experimenting!

Have fun!