

SUPERMON Setup for HamVOIP

This document describes the method I use to set up Supermon on a HamVOIP Allstar image. All of the steps use the **nano** editor included with the HamVOIP image to make the required changes to the applicable files by going to the HamVOIP Admin Menu Item 9 (BASH Shell prompt) and entering the appropriate commands. It assumes you have basic knowledge of how to use **nano**.

When editing files (i.e.steps 1 and 2), you can alternatively use **winSCP** or **MobaXterm** to browse to the proper directory and edit the file. Also, you can use the Admin Menu Item 13 to Restart the Asterisk server.

Begin by logging in with PuTTY or MobaXterm as root-user. Choose Item 9 (Bash Shell Prompt) from the Admin Menu.

1. Create a password for Allmon to login to the Asterisk Manager

Enter the /etc/asterisk directory **cd**

/etc/asterisk

Edit the manager.conf file **nano**

manager.conf

Add a secure password where it shows 'secret =' under the [admin] stanza, for example:

secret = xxxxx

Enter your desired password in place of the xxxxx above.

2. Configure Supermon with your node number and Asterisk Manager password

Change to the Supermon directory

cd /srv/http/supermon

Edit the allmon.ini file

nano allmon.ini

Change the line's with 1998 to your node number.

Also, in the stanza for your node number:

Change the user name from admin in the **user=admin** line to a different user name if a different user name is desired.

Change the passwd= line by replacing the xxxxx with the password you chose in step 1

SUPERMON Setup for HamVOIP

3. Create a password for you and possibly other users to login to Supermon

Change to the Supermon directory if not already there.

```
cd /srv/http/supermon
```

Recommend removing any existing .htpasswd file

```
rm .htpasswd
```

Add an htpasswd file

```
htpasswd -cB .htpasswd <userID> (subsequent additional entries use just -B)
```

Note that the <userID> to enter in the above line is the one used in step 2 without the left and right brackets

Supply a password of your choice when prompted.

<userID> is the login ID and can be any username you would like to assign; your callsign or admin for example. DO NOT enter the < or >. Do NOT use a ! (exclamation) in the password.

You can have more than one login and password. If assigning additional passwords the 'c' create file switch must be dropped. In this case use:

```
htpasswd -B .htpasswd <userID>
```

Restart asterisk **astres.sh**

4. Update to Supermon7

Login with PuTTY or MobaXterm as root-user.

Go to the Admin Menu Item 9 (BASH Shell prompt) and enter the following four commands:

```
> cd /usr/local/sbin
```

```
> wget "http://2577.asnode.org:43856/supermon_latest_update" -O supermon_latest_update
```

```
> chmod +x supermon_latest_update
```

```
> hash
```

After this, you **no longer** have to download the updater script, you now have it!
Just run it at any time you want to make sure you are up-to-date!

To run the update enter this one command at any time from a PuTTY BASH Shell prompt:

SUPERMON Setup for HamVOIP

> *supermon_latest_update*

To make updates even **easier** in the future, you can place the following line in the [functionsXXXX] stanza in the **rpt.conf** file for your node:

SMUPDATE=cmd,/usr/local/sbin/supermon_latest_update

After entering this line, perform a *Reload* of the **rpt.conf** file by clicking on the [lax/Rpt/DP RELOAD] button in **Supermon**.

Now you can enter the command (appears to be case insensitive): ***smupdate** in the input box of **Supermon**, and then click on the [DTMF] button **just once** to run the update in the background at any time! You can check your [AST Log] to make sure it ran.

Lastly, go to your **Supermon** Web screen and force a reload/refresh by holding the Shift-key and press F-5.