

Allmon

wiki.allstarlink.org

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Contents

1	Allmon2	3
2	Installation	5
2.1	Configuration	5
2.2	Password to Enable Buttons and Control Panel	6
2.3	Setup Database/DB file	6
2.4	Test and Use	7
2.5	Lighttpd Notes	7
2.6	Contributors	7
3	Contributors	9
	List of Figures	11
4	Licenses	15
4.1	GNU GENERAL PUBLIC LICENSE	15
4.2	GNU Free Documentation License	16
4.3	GNU Lesser General Public License	17

1 Allmon2

Legacy Version - This page is about a legacy version of AllStarLink. See ¹

2

APT-GET Package pending for ASL1.10

Allmon is a web site for managing one or more app_rpt (aka Allstar) nodes. Each managed local node shows a list of connected nodes. The list is sorted in reverse order of the most recently received node. So the last node to talk is always at the top of the list. Any node that is currently being received will be highlighted by a green background as well as moving to the top of the list. The node list is updated once a second giving near-real-time status.

Nodes may be grouped together when configuring Allmon. Groups enable two or more nodes to be displayed on the same page. This can be handy if you use devices with smaller screens or you want to see a couple of your nodes at the same time. Don't try to display more than a few per group as performance will suffer.

Logged in users can perform connect and disconnects. Users are maintained with the Apache httpasswd utility. There is only one login level, admin.

Allmon will also monitor VOTER clients. Each VOTER instance displays a list attached Radio Thin Client Modules (RTCM). The RSSI for each RTCM is displayed in bar graph style along with a color to indicate the currently voted RTCM.

1 <https://allstarlink.github.io/allmon3/>
2 <https://github.com/tsawyer/allmon2>

2 Installation

Legacy Version - This page is about a legacy version of AllStarLink. See ¹

The full original text of installation instruction is available where the source code resides. ²

Note that you will also need to install Apache or lighttpd (small memory footprint version for a Pi), and PHP to make it work on the web as a prerequisite if not already installed. Those instructions can change with subsequent updates/releases so check the web for current instruction for them.

The first thing to do is to log on your node as user 'repeater' command line, you can log in with a keyboard and monitor or using SSH as in the initial node setup.

```
repeater@repeater:~$
```

Once you are there you have to type the following commands:

```
repeater@repeater:~$ sudo apt install git
repeater@repeater:~$ sudo git clone https://github.com/AllStarLink/AllMon2.git
/var/www/html/allmon2
repeater@repeater:~$ cd /var/www/html/allmon2
repeater@repeater:~$ sudo mv allmon.ini.txt allmon.ini.php
repeater@repeater:~$ sudo mv controlpanel.ini.txt controlpanel.ini.php
```

2.1 Configuration

Now you have to edit the allmon.ini.php file

```
repeater@repeater:~$ sudo nano allmon.ini.php
```

1. Change: the '500' number [500] to your node number.
2. Change: host=127.0.0.1:5038
3. Change: passwd=yourpassword
4. Note: 'llcgi' is the default password according to the initial node setup. However look at 'secret = xxxxx' in /etc/asterisk/manager.conf to be sure of the correct password.
5. Change: menu=yes

After making your changes type **<CTRL> + <X>** and then type **<Y>** followed by **<Enter>**. You will be back to the previous menu and choose **<Back>**.

1 <https://allstarlink.github.io/allmon3/>

2 <https://github.com/AllStarLink/AllMon2>

Example `almond.ini.php` with node(s) listed under a menu item. In this example named `MySites`.

```
[1234]
system=MySites
host=127.0.0.1
user=admin
passwd=yourpassword
nomenu=yes
[1234 My Node]
system=MySites
nodes=1234
[1234 My Node RTCM]
system=MySites
rtcmnode=1234

[1235]
system=MySites
host=127.0.0.1
user=admin
passwd=yourpassword
nomenu=yes
[1235 Another Node]
system=MySites
nodes=2510
```

2.2 Password to Enable Buttons and Control Panel

While in the `/var/www/html/allmon2` directory

```
repeater@repeater:~$ htpasswd -cB .htpasswd admin
repeater@repeater:~$ chmod 777 astdb.php
```

Note: don't use an exclamation mark in the `.htpasswd` password.

2.3 Setup Database/DB file

On initial install, you will need to manually create the file which has a PHP script to run and do it for you.

From inside the active Allmon directory at the command line,

```
./astdb.php
```

as root or

```
sudo ./astdb.php
```

To keep it up to date, you need to run that command from the system cron or crontab. Once a day is suggested. Adjust location as needed.

2.4 Test and Use

Using your web browser go to:

Note: 192.168.x.x is your nodes IP.

`http://192.168.x.x/allmon2`

There you can login with the user 'admin' and your password 'yourpassword' or remember default password is 'llcgi'.

2.5 Lighttpd Notes

If you are using Lighttpd, you must modify your configuration to work with Allmon2.

Add

```
server.stream-response-body = 2
```

to `/etc/lighttpd/lighttpd.conf` and restart lighttpd.

2.6 Contributors

- [KK9ROB](#)³
- [N8EI](#)⁴
- This page was last edited on 29 June 2024, at 21:24.

³ <https://wiki.allstarlink.org/index.php?title=User:KK9ROB&action=edit&redlink=1>

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¹ Chapter 4 on page 15

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