

Configuring AllScan for HamVOIP

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AllScan works with ASL3 and HamVOIP.

AllScan is the preferred management app for the West Valley ARC, because it will automatically disconnect any connected nodes before linking to another mode. This prevents the linking of our West Valley ARC node with nodes other than your own.

Installation instructions can be found at: <https://github.com/davidgsd/AllScan#readme>

1. Download and install **MobaXterm** (SSH Terminal Software) and **WinSCP** (Configuration File Editor).
2. Start MobaXterm.
3. Log into your node and Start Bash Shell (9).
4. Type: `cd ~ <Enter>`.
5. Type: `rm AllScanInstallUpdate.php 2> /dev/null <Enter>` (Only used to remove an installation that is already there).
6. Type: `wget 'https://raw.githubusercontent.com/davidgsd/AllScan/main/AllScanInstallUpdate.php' <Enter>`.
7. Type: `chmod 755 AllScanInstallUpdate.php <Enter>`.
8. Type: `sudo ./AllScanInstallUpdate.php <Enter>`.
9. Ready to install AllScan? Y.
10. Enter "Y" to proceed. Y
11. At blank prompt, Hit "Y" again.
12. Total installed size. Y.
13. Displays both local and remote IP.
14. <http://192.168.1.XXX/allscan/> (Local Network).
15. <http://68.2.63.104/allscan/> (Router port must be forwarded for remote access).
16. Type: `sudo rm AllScanInstallUpdate.php <Enter>`.
17. `chmod 755 AllScanInstallUpdate.php`

Special notes for HamVOIP Users:

- Start WinSCP and log into your node using SFTP protocol, the node IP address, Port 222, the node username and Pass.
- Go to the root of the folder by clicking the folder with the ... at the top.
- You may need to uncomment/add the following lines in `/etc/php/php.ini` (make sure they do not have a ';' in front).

extension=pdo_sqlite.so

extension=sqlite3.so

- Go to the php.ini file, right click and select “edit”.
- You can easily find the lines by typing: “Ctrl/F” and searching for “extension=pdo_sqlite.so” Remove the semicolon.
- “extension=sqlite3.so” Remove the semicolon.
- Save the changes and close the WinSCP session.
- Type “exit”.
- Then restart the node by selecting: “15-Reboot this system” from the main menu.

18. Go to your browser and type in your node number plus allscan:

<http://192.168.1.XX/allscan/>

19. Enter your information on the following screen and click ”Add User”.

AllScan v0.75 KD5FMU Henryetta, OK

Welcome to AllScan - Initial Configuration

No users have yet been created.

If you are an authorized admin of this server, create your user account now.
Be sure to carefully read all Notes on this page before continuing.

Add User

Name	Freddie Mac
Email	kd5fmu@gmail.com
Password	Password2024
Location	Henryetta, OK
Node #s	57788
Permission	Superuser
Time Zone	America/Chicago

Add User

20. You should now see your AllScan main screen:



21. Check your node number at the top left. If it says "1998", allscan will not function. You will need to do the following.
22. Start WinSCP and log in.
23. Go to the root ... of the folder.
24. Select "Find Files" and search for "allmon.*". The search will take a while.
25. Select any instances of "allmon.ini" and click "Edit".
26. Find the block that says [1998] and change it to your node number [Your Node].

```

; Any line started with a semicolon
; is a comment. It is often good to
; add comments to your ini files to
; remind you of things you have done.
;
; This is the first node definition
; Change the number to a node you
; want to monitor.

```

```

[1998]
; The host is the URL or IP address of the
; server where the node resides. If it is on
; the same server as this file then it would
; be 127.0.0.1 - 5038 is the standard manager
; port. It can be changed here and in manager.conf
host=127.0.0.1:5038
;
; The user/pw here must match that in manager.conf
user="Type User Name HERE" (Note: Must Match AllStar Node)
passwd="Type Pass HERE" (Note Must Match AllStar Node)
;

```

27. In addition to entering your node number in the [1998] block, **make sure your user name and password just below the node number are the same as your AllStar node!**
28. **Save and Reboot your node.**
29. Go you your browser end enter : <http://192.168.1.xx/allscan/>
30. Your node should now be operational.

Notes

- If you don't use the same user name and password when configuring AllScan, that you did for your Allstar node, **Allscan will hang** when trying to log in. If you forgot, there is a way to find out. Start WinSCP and log in. Navigate to: **/etc/asterisk/manager.conf**. Select the Manager Config file and click "edit". The user and password will be found in the following format:
[admin] (This is your user name).
secret = Whatever follows the = is your password.
- If you need to change user settings such as your name, call sign, node title, etc. Go to your Allscan webpage and look at the top for "Cfgs" and click it. There is a pull-down menu where you can edit the Call sign and location.
- To erase a corrupted install and start over, log into your node, start Bash Shell and type "sudo rm -rf /etc/allscan /var/www/html/allscan /srv/http/allscan 2>/dev/null"

See the following helpful videos on YouTube:

Allscan for AllStar HamVoip:

https://www.youtube.com/watch?v=69qp_VUGOQk&t=921s

AllScan on ASL 3: <https://www.youtube.com/watch?v=2koi973xdD8> .