

The Contact List

DRAFT

Unlike texting on a phone, two companion nodes can~~not~~ exchange private messages with each other unless they are both in each other's contact list.

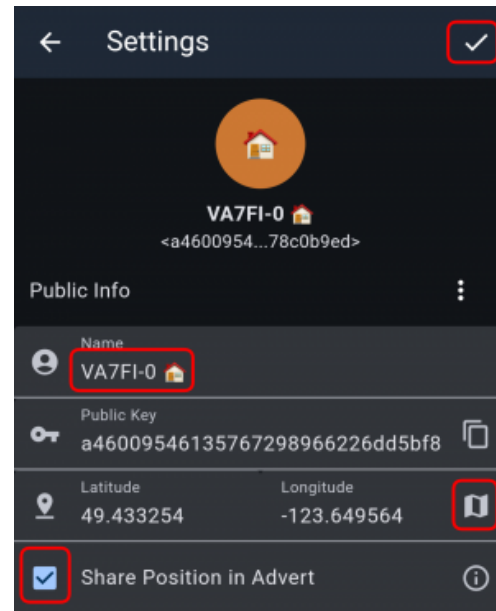
A standalone way of building a contact list of neighbours is to:

1. Advert(ise) your node with precise (or close enough) location for others to find you.
2. Discover other nodes based on their location.

1. Advert

Setup your name and location:

- Tap the gear in the top right corner to go to the settings pages.
- Write a name that is someone descriptive (your name, callsign, etc...). You can change this anytime.
- Tap the map icon to pick your location. This will be shared online so you might want to select a street corner that's close to your house but not exactly where you live. It should be close enough to be useful for your neighbours to identify you as part of the neighbourhood.
- Check the "Share Position in Advert"
- Tap the ✓ icon in the top right corner.

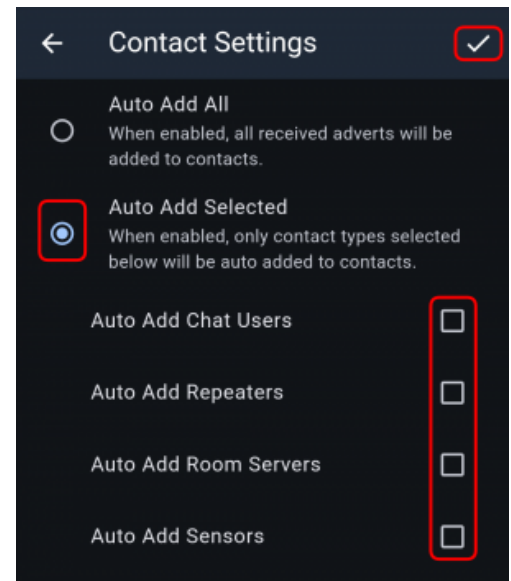


Tweak the Contact Settings:

- Scroll down to "Contact Settings"
- Select "Auto Add Selected"
- Uncheck all four options.
- Tap the ✓ icon in the top right corner.

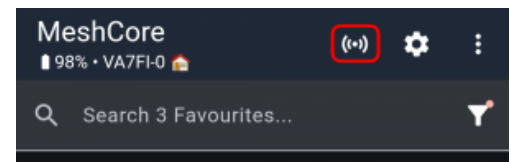
Turn off the GPS:

- Scroll down to "Position Settings"
- Select "Disabled"
- Tap the ✓ icon in the top right corner.



Advert(ise) your name and location to the network:

- Tap of the “wave” icon just on the left of the gears at the top
- Tap “Advert • Flood Routed”



After a few minutes other nodes on the network will be able to see you on a map.

2. Discover

There are three kinds of maps in MeshCore:

The map at the bottom of the main page only shows nodes in your contact list.

The “Internet Map” shows a map accessible by anyone on the Internet of all the nodes heard by “observers” (a type of node that listen to the mesh and pass some info about the mesh to the Internet).

The map under “Discover Contacts” shows all the nodes that your companion has heard so far.

We'll use the "Discover Contacts" map to populate your contact list, but keep in mind that you might have to leave your node on for a bit for it to hear all the nodes in your area since they need to advert or transmit for your node to see them:

- In the "Discover Contacts" "Map View", tap on the filter icon  and select "Users".
- Tap on a node
- Under the node's name, tap on "Add"

If you go back to the main page's "Map", you should now see that contact.