

# Static and Dynamic IP Addresses on MESH

Article Number: 128 | Rating: Unrated | Last Updated: Mon, Jun 19, 2017 at 4:06 PM

Clients will probably want their machines to pick up IP addresses dynamically (automatically) most of the time. However, devices such as printers are usually best configured with a static (non-changing) address. This image shows a typical configuration:

| Item                | Value                          |
|---------------------|--------------------------------|
| Unit                | 66                             |
| Bandwidth group     | Shared Standard                |
| Comm Group          | Sub comms room                 |
| Switch Port         | Sub Switch C - Port 3 (VLAN76) |
| VLAN Tag            | 76                             |
| Is Client Active?   |                                |
| Is Firewall Active? |                                |
| Is DHCP Active?     |                                |
| Static Addresses    | 10.0.25.2 - 10.0.25.9          |
| DHCP Start          | 10.0.25.10                     |
| DHCP End            | 10.0.25.250                    |
| Gateway             | 10.0.25.254                    |
| Netmask             | 255.255.255.0 [/24]            |
| Name Servers        | 10.0.25.254                    |
| SMTP Server         | 10.0.254.254                   |

Active port forwards  
No active forwards  
ARP Table

| IP Address | MAC Address       | Manufacturer |
|------------|-------------------|--------------|
| 10.0.25.13 | C0:A0:C6:1E:E9:F8 |              |

DHCP Table

| IP Address | MAC Address       | Manufacturer | Hostname | Last Seen | Expires  | Actions              |
|------------|-------------------|--------------|----------|-----------|----------|----------------------|
| 10.0.25.13 | C0:A0:C6:1E:E9:F8 |              |          | 4h1m53s   | 19h58m7s | <a href="#">Lock</a> |

This shows a subnet address of 10.0.25.0, the available static address are .2 to .9; the address MESH will assign automatically go from .10 to .250.

## Locking a Dynamic Address

It is possible to make an assigned dynamic address static on 'new MESH'. This is done by finding the address on the client summary page and clicking *Lock* (bottom-right of the image).

It is not possible to do this on 'old MESH', but dynamic addresses tend not to change on any one device for a very long time.

Posted - Mon, Jun 19, 2017 at 4:06 PM. This article has been viewed 20581 times.

Online URL: <https://knowledgebase.stickman.co.uk/article.php?id=128>

