

# Static and Dynamic IP Addresses on MESH

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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.

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