



Individual LAN port setup (VLAN)

6330-MX and 6350-SR

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Difficulty level: *Expert*

Goal

To setup a VLAN to separate network traffic on one LAN port from all other LAN interfaces.

Setup

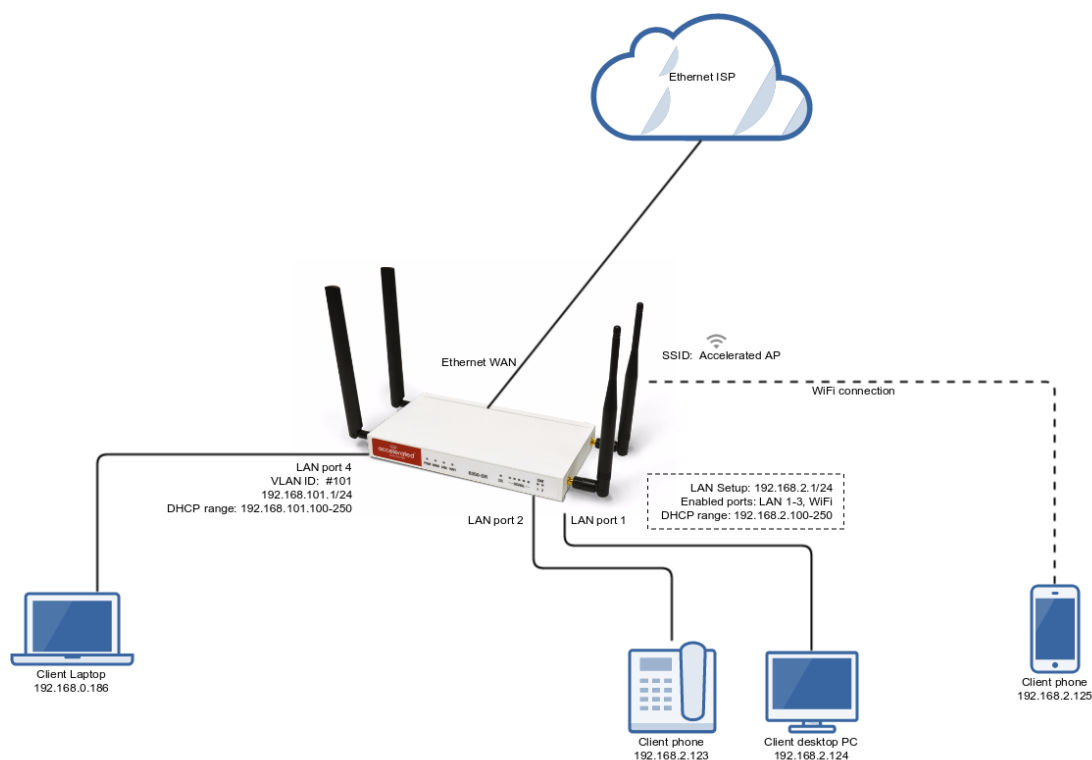
This article assumes the LAN ports are operating under default settings, which provide DHCP connectivity to devices connected to the 6350-SR's LAN ports. For more details on the default settings of the 6350-SR, see the *Default Settings* section of the [6350-SR User's Manual](#).

You will need to establish the following details before configuring the 6350-SR.

- The IP address range for the VLAN subnet.
- The LAN Ethernet port or SSID you want to separate onto the VLAN interface.

Sample

The following diagram shows a sample setup of a 6350-SR with LAN port 4 separated from the other LAN ports, and placed in a VLAN with ID #101. VLAN 101 is configured to hand out IP addresses within the 192.168.101.100 - 192.168.101.250 range, with a gateway IP of 192.168.101.1/24



Sample Configuration

Open the configuration profile for the 6350-SR and make the following changes. Under **Network** -> **Virtual LAN**, perform the following:

1. Create a new entry named **test**. The name can be different if desired.
2. Select the desired LAN interface under the **Device** drop-down.
3. Type in the desired VLAN ID number in the **ID** field.

Next, under **Network** -> **Interfaces**, perform the following:

1. Create a new entry named **vlan##**, where **##** is the number of the VLAN ID. The name can be different if desired.
2. Select the **VLAN: test** option in the **Device** drop-down.
3. Type in the desired IP address and subnet in the **Address** field.
4. Under **DHCP server**, ensure the **Enabled** option is checked, and the DHCP lease range **start** and **end** values match the desired DHCP range.

Finally, under **Network** -> **Bridges** -> **LAN** -> **Devices**, remove **Ethernet: LAN4** device from the LAN bridge.

