



Port Forwarding

6310-DX, 6330-MX, and 6350-SR

Port Forwarding

Difficulty level: *Easy*

Goal

To access a client device on the LAN port of a 63xx-series router using a specific port and the external IP address of the 63xx-series router.

Setup

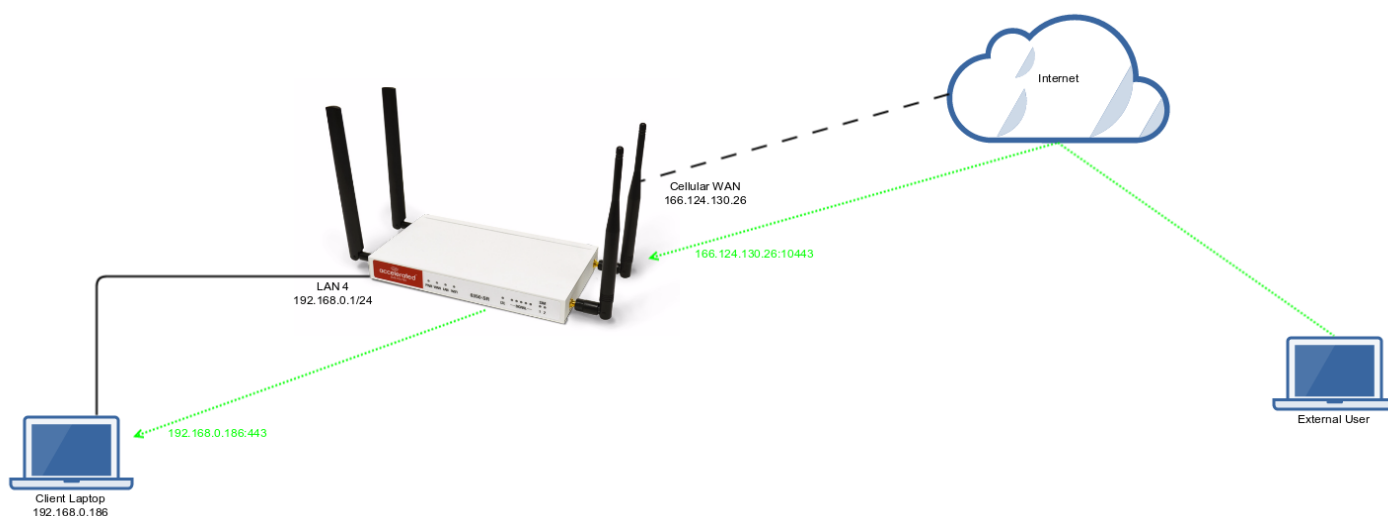
This article assumes the LAN ports are operating under default settings, which provide DHCP connectivity to devices connected to the 63xx-series router's LAN ports. For more details on the default settings of the 63xx-series router, see the **Default Settings** section of the [User's Manual](#).

You will need to establish the following details before configuring the 63xx-series router.

- The IP address of the client device on the LAN port.
- The external port you want to forward to the client device.
- The port you want to access the client device on.

Sample

The following diagram shows a sample setup of a 63xx-series router with a cellular WAN connection and a client's laptop connected to LAN port 4. In this setup, we want to access TCP port 443 of the client laptop from the external IP address of the 63xx-series router's cellular WAN connection. We will be configuring the 63xx-series router with a port forwarding rule to forward external port 10443 to port 443 of the client device's LAN IP.



Sample Configuration

Open the configuration profile for the 63xx-series router and make the following changes. Under **Firewall** -> **Port Forwarding**, click **Add** to create a new entry. Set the following options under the new port forwarding rule.

- **Interface:** Modem
- **Prototol:** TCP
- **Port:** 10443
- **To Address:** 192.168.0.186
- **To Port:** 443

The screenshot displays the configuration interface for a DIGI router, specifically the **Port Forwarding** section under **Firewall**. The interface is organized into a sidebar on the left and a main configuration area on the right. The sidebar includes sections for **Central management**, **Modem**, **Network**, **IPsec**, **Firewall**, **Zones**, **Packet filtering**, **Custom Rules**, **Services**, **Authentication**, **System**, and **Monitoring**. The **Port forwarding** section is expanded, showing a list of rules. A single rule is visible, numbered 1, with the following configuration:

- Enable:**
- Interface:** Modem
- IP version:** IPv4
- Protocol:** TCP
- Port:** 10443
- To address:** 192.168.0.186
- To port:** 443

Below the rule configuration, there is an **Access control list** dropdown menu and an **Add Port forward:** button with an **Add** label.