L2TP Server with Window OS

1. Introduction

1.1 Overview

This document contains information regarding the configuration and use of L2TP server with Windows OS.
This guide has been written for use by technically competent personnel with a good understanding of the communications technologies used in the product, and of the requirements for their specific application.

1.2 Compatibility

This application note applies to：
Models Shown: 641M series.
Firmware Version: V1.1.1(d053368) or newer
Other Compatible Models: None

1.3 Version

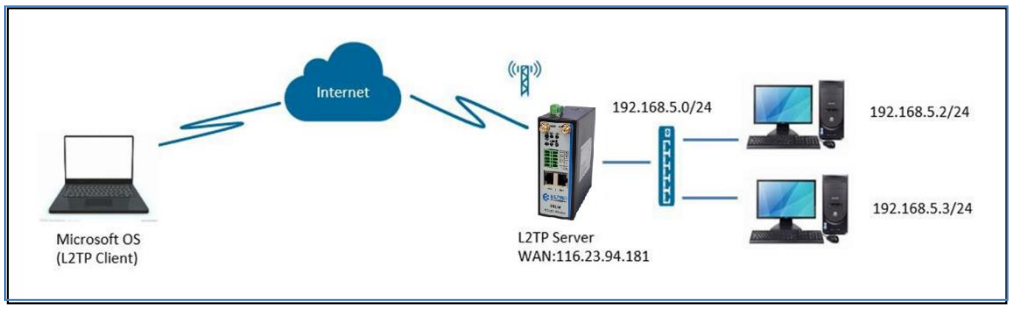
Updates between document versions are cumulative. Therefore, the latest document will include all the content of previous versions.

Release Date	Doc. Version	Firmware Version	Change Description
2020-02-29	V1.0.0	V1.1.1(d053368)	First released

1.4 Corrections

Appreciate for corrections or rectifications to this application note, and if any request for new application notes please email to: support@elpro.com.au

2. Topology

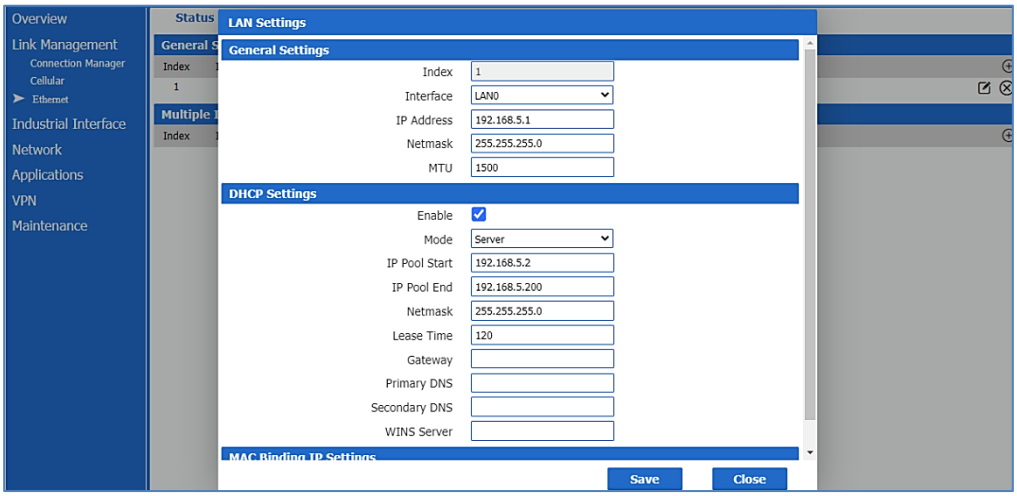


1. 641M Router run as L2TP server with the public IP address.
2. A PC run with Microsoft Windows OS works as L2TP client.
3. L2TP VPN tunnel is established between 641M router and the PC, PC can access to the LAN device behind 641M Router.

3. Configuration

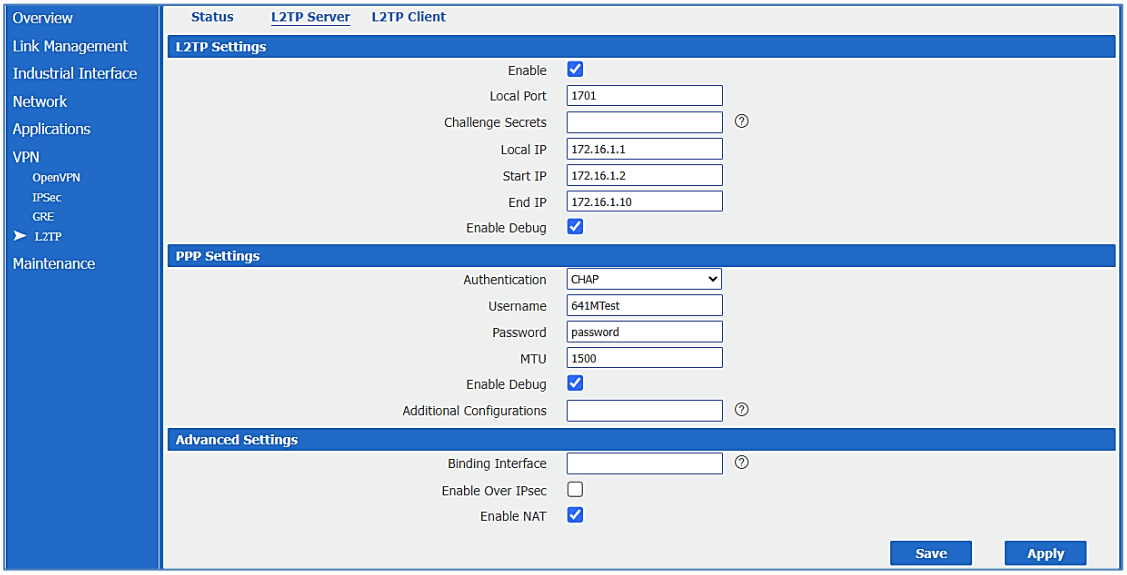
3.1 L2TP Server Configuration

1. Go to **Link Management>Ethernet>LAN**, specify the LAN IP address as 192.168.5.0/24, like below:



2. Click Save and Apply

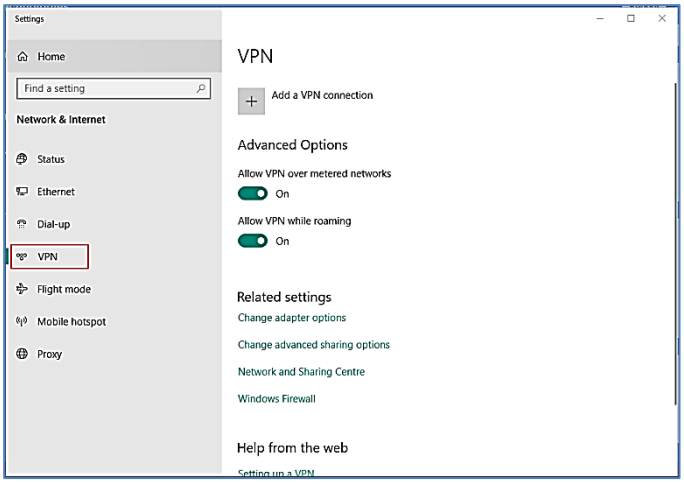
3. Go to **VPN>L2TP>L2TP Server**, enable L2TP server and configuration like below:



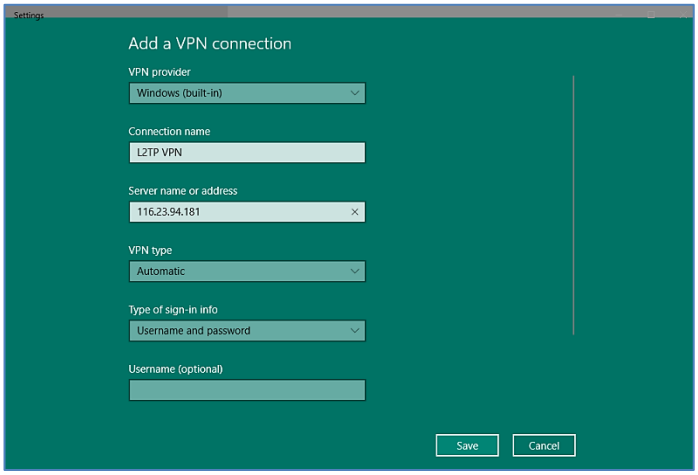
4. Click Save and Apply

3.2 L2TP Client Configuration

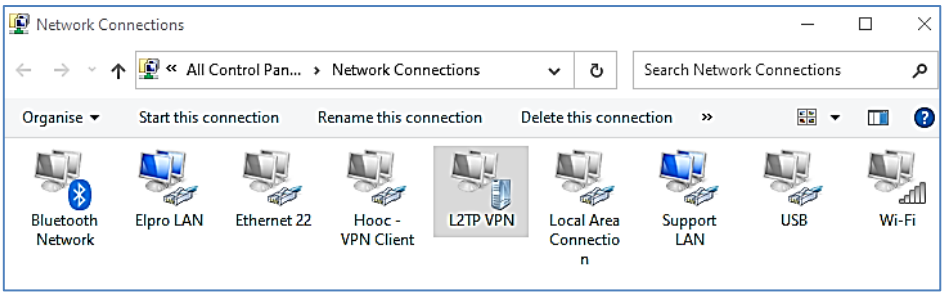
1. Open the PC and go to Network Connections, click “VPN”:



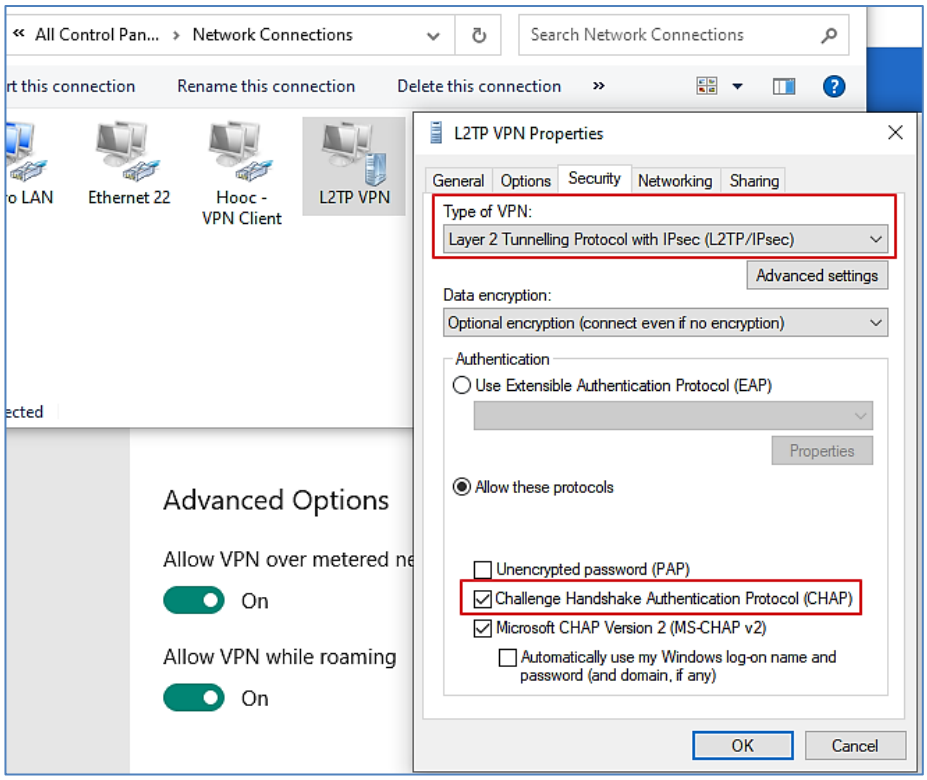
2. Click “Add a VPN connection”
3. Enter the L2TP Server IP address and Destination name, click “Save”.



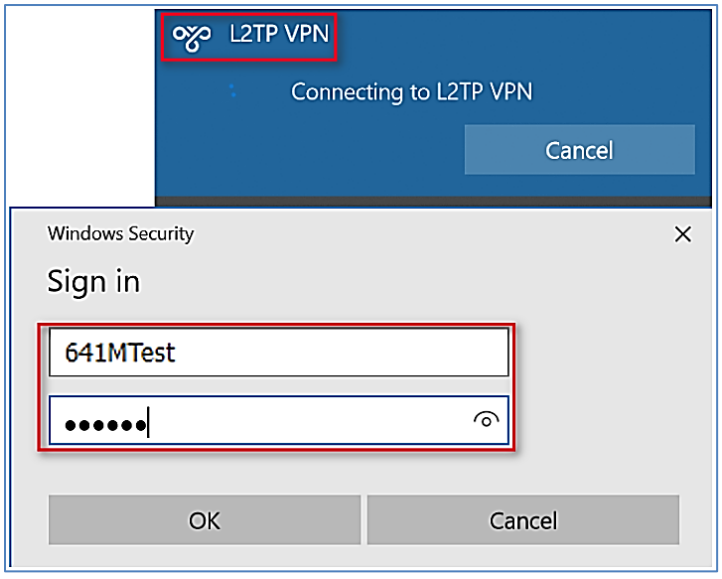
4. After we have created L2TP connection, we need to change some adaptor settings:



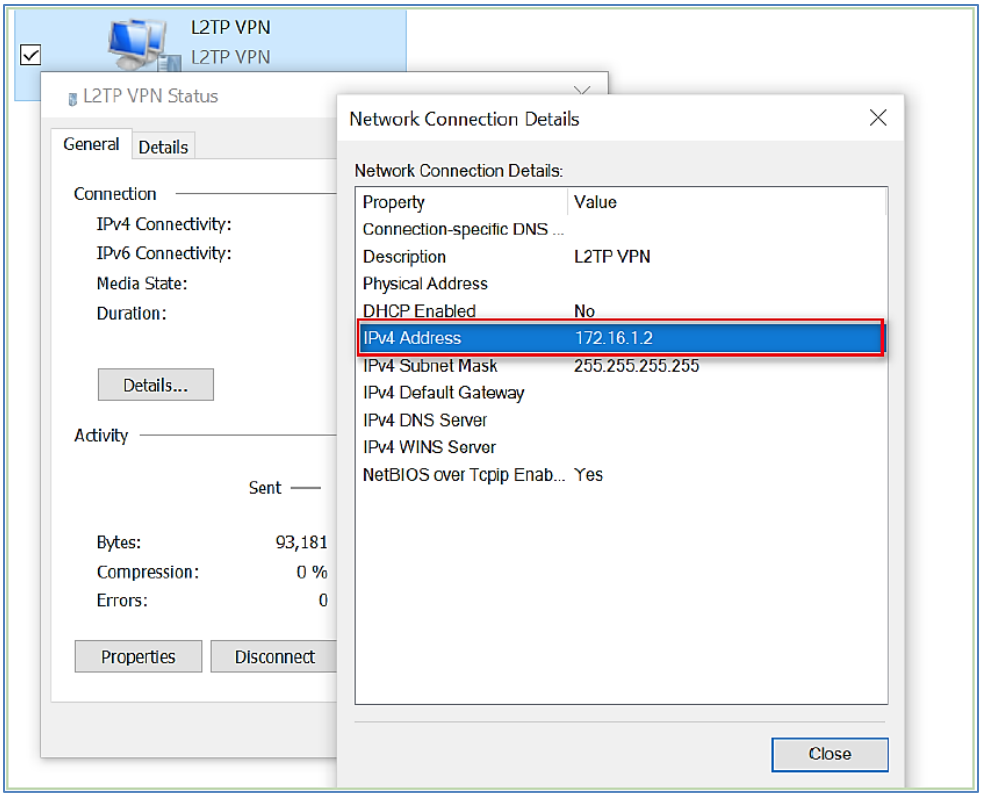
5. Right Click “L2TP VPN”, and select “Properties”, go to “Security” tab and select the Type of VPN and Authentication, as per below:



6. When finished above settings, click to connect “L2TP VPN”, and sign in with the Username and Password as per configuration in Step 3, Click “OK”:



7. L2TP Client should connect to L2TP Server successfully. Right Click the “L2TP VPN”, choose ”Status”, go to “Details”, then you should see that the L2TP Server had been assigned an IP address to the L2TP Client.



4. Testing

1. 1. P ing from L 2TP Client to L2TP Server and successfully.