

Remote Administration Setup Guide

NF20 / NF20MESH

Remote Administration Overview

Remote administration allows you to access the Gateway web interface from a remote computer connected to the Internet.

This can also be used to enable your ISP (Internet Service Provider) to check your settings if you experience connection issues.

Prerequisite

Please make sure that you have a **Public Routable IP address**. To do that, first check your WAN IP from the Gateway web interface (Device info > WAN) and then do a Google search for "what is my IP?". If they match, then you have a public routable IP address. Otherwise please call your ISP for a public routable IP address.

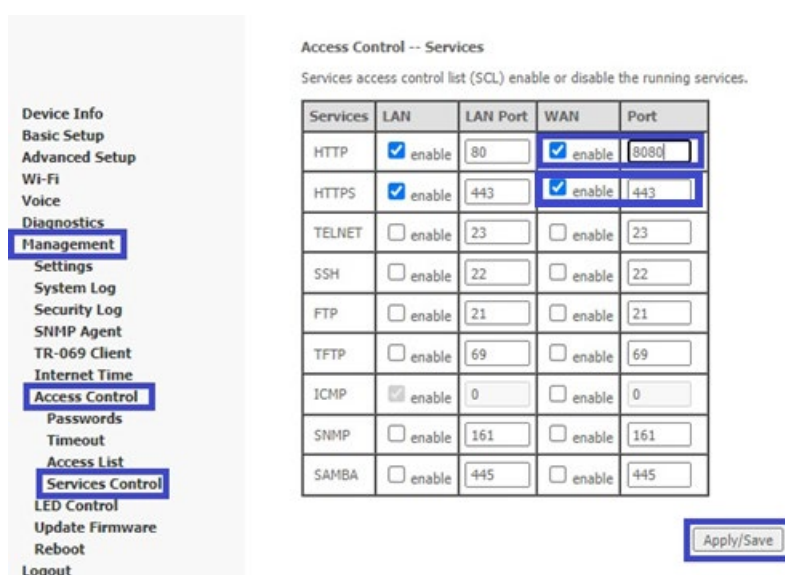
Enabling Remote Administration

Logging in to the web interface of the Gateway

- 1 Connect your computer to the Gateway using a wired or wireless connection. We recommend connecting via Ethernet cable.
- 2 Open a web browser (such as Internet Explorer, Google Chrome, Safari or Mozilla Firefox), type the following address into the address bar and press **Enter**.
<http://192.168.20.1>
- 3 Enter the Gateway Login **Username** and **Password** printed on the label at the bottom of the Gateway and click on the **Login** button.



- 4 From the **Management** menu on the left, then select **Access Control** and then **Services Control** from the sub menu. The **Access Control -- Services** page will open:



- 5 Select the ☒ **enable** checkbox of the **WAN** option for either **HTTP** or **HTTPS Service**. Please be aware that **HTTPS** encrypts all the traffic between the configuring browser and the Gateway, hence it is more secure compared to **HTTP**. We strongly recommend using **HTTPS**, especially while enabling remote access.
- 6 If you prefer to use **HTTP**, we highly recommend that you change the default **Port** to something other than **80**, for example: 8080. This is just a safety measure and part of best practice.
- 7 Click the **Apply/Save** button.

You should now be able to access your Gateway via the address:

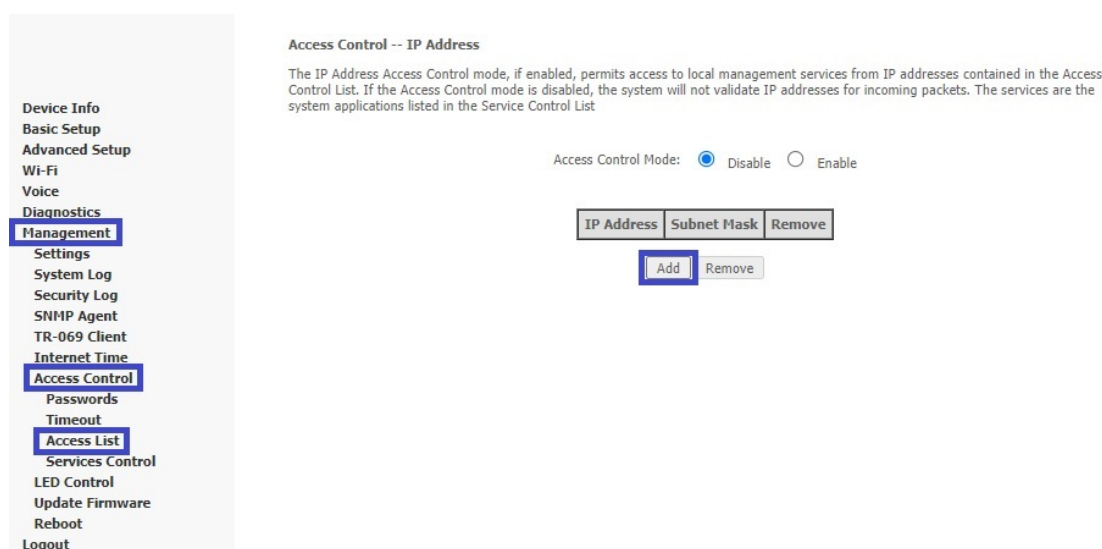
`http://<your external IP address>:<port number>`
 or
`https://<your external IP address>`

You can find your external (public) IP address by going to www.ipmonkey.com or by clicking on **WAN** option under **Device Info**.

Restricting Remote Administration to a Particular IP Address(es)

Apart from changing the default admin password and web port, you may secure your Gateway by configuring which IP address or addresses can remotely access. You can configure either a single IP address or a block of addresses to be allowed access.

- 1 From the **Management** menu on the left, then select **Access Control** and then **Access List** from the sub menu.
- 2 The **Access Control – IP Address** page will open: Then click on **Add** at the right-hand side of the screen.



- 3 The **Add IP Addresses** page opens. In the **IP Address/Mask** text box enter the IP address (block) of the location that you want to allow access to your Gateway from.



This should be a public IP address which you should know beforehand.

This might be an IP address provided by your ISP support team, NetComm support team or a friend who is willing to help you configure something remotely.

- 4 Once configured, the **IP Address** will be entered into the list:

Device Info
Basic Setup
Advanced Setup
Wi-Fi
Voice
Diagnostics
Management
Settings
System Log
Security Log
SNMP Agent

Access Control -- IP Address

The IP Address Access Control mode, if enabled, permits access to local management services from IP addresses contained in the Access Control List. If the Access Control mode is disabled, the system will not validate IP addresses for incoming packets. The services are the system applications listed in the Service Control List

Access Control Mode: ☐ Disable ☒ **Enable**

IP Address	Subnet Mask	Remove
121.232.111.222	255.255.255.240	☐

- 5 Now click on the **Enable** radio button to enable the access control. Once clicked the settings will be applied automatically, you do not need to press any other button to enable it.

Now only that IP address (block) can access your Gateway's web interface from the WAN side.

However, you always can access via the web interface from a local LAN.