

Remote Administration Setup

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Introduction

Remote administration allows you to access the router configuration page from a 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.



Before enabling remote access to your router, we recommend changing the password for both the "root" and "admin" accounts. For an additional level of security, you may also wish to restrict access to a specific IP address or subnet. Please refer to the product user manual for further information.



Note: Before performing the instructions in this guide, please ensure that you have the latest firmware version on your router. Visit <u>http://www.netcommwireless.com/products/m2m-wireless</u> to find your device and download the latest firmware.

Enabling Remote Administration

 Open a web browser and navigate to the LAN IP address of your router. For the NTC-6000 Series, the default is <u>http://192.168.20.1</u>. For NTC-30 and NTC-40 Series, the default is <u>http://192.168.1.1</u>.

Login to the router with the following credentials:

Username: root

	Password: admin	
Status	Login	
Login		
Login		
	Username:	root
	Password:	•••••
		Submit Clear

Figure 1: Login page

2. From the menu bar along the top of the screen, navigate to **System > Administration.**

Status Internet Status	Settings > Services	▶ System					
		Log					
		Load/Save +					
System Information		Administration					
System Up Time	00:20:38	System Configuration					
Router Version	Hardware: 1.3 Software: Vtrunk.3	TR-069					
Phone Module Model: PH8 Hardware:		Logoff	SZ-3.1.340220T				
MAC Address	02:00:60:18:BB:33	Reboot					
M Ethernet Port Status							

Figure 2: System – Administration menu option



3. Select the **Enable HTTP** checkbox and enter the port number you wish to use in the adjacent field. You may use any port between 1 and 65534.

Status	► Internet Settings	> Services	▶ System				
System > Administration							
Language Settings							
Language Settings		EN-English 💌					
			Apply				
Firewall							
Firewall		⊙Enable ○Disable	e				
Enable HTTP		Port 8080	(1 - 65534)				
Enable Telnet							
Enable Ping	Enable Ping						
Web User Interface	e Account						
Username		root 💌					
Password		•••••					
Confirm Password		•••••					
Telnet Account							
Username		root					
Password		•••••					
Confirm Password		•••••					
			Save				

Figure 3: Administration Settings page

- 4. Click the **Save** button.
- 5. Return to the Status page by clicking on the **Status** link from the menu bar. Make a note of the **Local IP** address as highlighted in the screenshot below.

Status	► Internet	Settings	Services	► System					
All Status LAN	PPPoE	PPTP	IPsec						
🥢 System Infor	// System Information								
System Up Time		00:31:40							
Router Version		Hardware: 1.3 Software: Vtrunk.39172							
Phone Module		Mode	Model: PH8 Hardware: N/A Firmware: M6600A-SCAUBSZ-3.1.340220T						
MAC Address		02:00	:60:18:BB:33						
📕 Ethernet Po	rt Status								
LAN: 🖌		Up / 100.0 Mbps / FDX							
Mobile Broa	dband (MBB)		Show data usage	•					
Profile Name	Interface	è	Status	5	APN	Local IP	Remote IP		
Profile 1	mnet0		Up		telstra.extranet	123.209.16.78	0.0.0.0		
Connection Status									
Provider		Telstr	Telstra						
Coverage		UMTS	UMTS						
IMEI		359998040021034							
Frequency		WCDMA 850							
Signal Strength (d	Bm)	153 dBm (High)							
SIM Status		SIM	SIM OK						
Advanced Status									

Figure 4: Status page - Local IP



6. Open a new browser window or tab and navigate to http://<your external IP address: port number>. In the example above, we would enter http://123.209.16.78:8080. Remote administration configuration is now complete.

Dynamic DNS

If your service provider assigns you a dynamic IP address, that is, an address which changes each time you connect, you need to configure a Dynamic DNS service in order to access the router remotely since your address will not always be the same. The dynamic DNS router function can be used to remotely connect to the router using a hostname in place of the dynamic public IP address assigned when using the telstra.extranet APN. To do this you will need a dynamic DNS account from one of the following DDNS providers.

- www.dhs.org
- www.dyndns.org
- www.dyns.cx
- <u>www.easydns.com</u>
- <u>www.justlinux.com</u>
- www.ods.org
- <u>www.tzo.com</u>
- www.zoneedit.com

To configure the Dynamic DNS settings on the M2M Series router:

- 1. From the menu bar along the top of the screen, navigate to Services > Dynamic DNS.
- 2. Set the DDNS Configuration option to Enable.
- 3. Enter your dynamic DNS account credentials and press the **Save** button.

Status	► Internet Settings	Services	► System			
Services > Dynamic DNS						
DDNS Configuration	1					
DDNS Configuration	1		⊙Enable ○Disable			
DDNS Settings						
Server Address			www.dyndns.org			
Host Name			cdcstest.dyndns.org			
Username			cdcstest			
Password			•••••			
Verify Password			•••••			
			Save			

Figure 5: Dynamic DNS Settings



4. You can now access the device using the Dynamic DNS address.

'Eile Edit Vi	ew Hi <u>s</u> tory	Bookmarks	Tools Help				
$\langle \rangle \rangle$	C X	🕜 😵	cdcstest.dyn	dns.org:8080	Domain Name		
Loading	•		-1-				
Authenticat	ion Required	l.			X		
0	A username ar "Web Server A	id password a uthentication'	re being requested by	http://cdcstest.dyi	ndns.org:8080. The site says:		
User Name: admin							
Password:	Password: ••••••						
			ок с	ancel			

Figure 6: Logging in to the router using Dynamic DNS