

Mobile Broadband Router

PIAP-11N-S-48M



Pronto Cloud Controller Configuration Guide and NMS

1. Dashboard Login

The following steps need to be followed to 'Sign In' to the Admin account:

- » Open a browser and type the following URL:
<http://cloud.prontonetworks.com>
- » Enter the Email and Password for your PCC account. Click 'Sign in'

Welcome to Pronto Cloud Controller

Please sign in to get access.
You need to sign in or sign up before continuing.

Email

Password

2. Create a Network

- » Navigate to Monitor → Dashboard on the left pane
- » Select 'Create Network' from the 'Select Network' drop down list on the right pane.
- » Enter the 'Infosys_Bangalore' for Network Name
- » **Configuration** : Helps to configure the APs
 - » **Default Configuration** : Select this option to setup the APs with a fresh configuration.
 - » **Clone Configuration** : Select this option to copy the configuration of an existing network to a new network.
- » **Network Timezone** : Select the Timezone for the network
- » **Device(s)** : Enter the Mac Address of the AP. Press Enter or Tab to add multiple APs
- » Click 'Create Network'

Monitor

Dashboard

Clients

Select Network

Create Network

Create Network

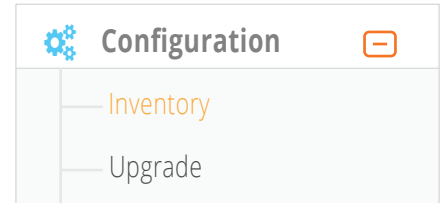
Network Name	<input type="text" value="Network Name"/>
Configuration	<input checked="" type="radio"/> Default Configuration <input type="radio"/> Clone Configuration
	<input type="text" value="Network Name you have Created will appear"/>
Network TimeZone	<input type="text" value="(GMT-10:00) New Delhi"/>
Device(s)	<input type="text" value="Press Enter or Tab for adding Devices"/>

Add one or multiple devices to claim and assign to this network.

3. Inventory

Multiple Routers can be configured from the Inventory.

- » To Add the APs to the network, navigate to Configuration → Inventory
- » **Device(s)** : Enter the Mac Address of the AP. Press Enter or Tab on the keyboard to add multiple AP's.
- » **Network** : Select the Network under which the APs are to be configured
- » Click Add Many Devices, to add Access Points in bulk.
- » **Upload File** : Sample CSV file in the PCC can be used to add the devices in bulk. Click Browse, Upload the CSV file.
- » Click 'Add Devices'.



Add Inventory

Device(s)

Press Enter or Tab for adding Devices

Add one or multiple devices to claim.

Network

Select Network

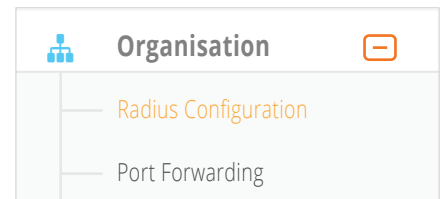
[Add Many Devices.](#)

Add Devices

Cancel

4. Create a Radius configuration profile

- » To configure Radius Profile, navigate to Organization → Radius Configuration.
- » **Radius Authentication Server** :
 - » **RADIUS Name** : The name of the RADIUS Authentication profile.
 - » **RADIUS IP** : The IP address of the RADIUS Authentication server
 - » **RADIUS Port** : Enter the port number
 - » **RADIUS Secret** : Enter secret passkey required to access the RADIUS server
- » **Type**: Select the type as RADIUS.
- » Click 'Create Radius'.
- » **Radius Accounting Server** : Refer 'Radius Authentication Server' section for configuration information. Select the type as 'RADIUS Accounting' and click Create Radius.



Radius Configuration

Radius Name

Radius Name

Radius IP

Radius IP

Type

RADIUS

RADIUS Accounting

Radius Secret

Radius Secret

Show

Create Radius

Cancel

5. Create an SSID

- » Navigate to Configuration → Network.
- » **APs/AP Tags** : Enter the AP MAC Address
- » **SSID Name** : Enter the wireless name (SSID)
- » **SSID Status** : Enable
- » **SSID WDS** : Disable WDS
- » **Mode** : Router mode
- » **NAT** : Enable NAT
- » **Association** : Open/None
- » **Captive Portal** : Enable the Captive Portal
- » **RADIUS Authentication Server** : Select the RADIUS Authentication server profile
- » **RADIUS Accounting Enabled** : Enable
- » **RADIUS Accounting Server** : Select the RADIUS Accounting server profile
- » **Splash URL** : <https://portal.prontonetworks.com/auth.html>
- » **Where should users go after the splash page?** : Select the option A different URL.
URL: <http://infybuswifi.com/register/successLand>
- » **IP Address** : IP address of the interface
- » **Netmask** : Enter the Subnet mask for the network
- » **DNS mode** : Use ISP(default)
- » **Relay Server** : Disable
- » **DHCP Range Start** : Start IP address of the DHCP range
- » **DHCP Range End** : End IP address of the DHCP range
- » **Lease Times(s)** : Minimum amount of time that an IP address acquired by DHCP is to be retained before expiring on inactivity
- » Click 'Update SSID'.

Create SSID

APs / AP Tags	<input type="text" value="x Network Name"/>
SSID Name	<input type="text" value="New SSID"/>
SSID Status	<input checked="" type="radio"/> Enable <input type="radio"/> Disable
SSID Hidden	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
SSID Isolate	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
SSID Radio Band	<input type="radio"/> 5 Ghz <input checked="" type="radio"/> 2.4 Ghz
Apply SSID QoS	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
Policies	<input type="text" value="Disable"/>

Cont.

SSID WDS Enable Disable

Mode Router Mode Bridge Mode

NAT Enable Disable

Association Open/None WPA2 WPA2-Enterprise

Captive Portal

RADIUS Authentication Server

RADIUS Accounting Enabled

RADIUS Accounting Server

Splash URL

Walled Garden

Walled Garden Range

Where should users go after the splash page?

The URL they were trying to fetch
 A different URL:

SSID IP Configuration

IP Address

Netmask

DNS Mode

Relay Server

DHCP Range Start

DHCP Range End

Lease Time(s)

6. Configure 4G LTE broadband

- » Navigate to Monitor → Access Points.
 - » Select Network.
 - » Click on the access point under MAC Address.
 - » On the configuration screen click 'Edit Configuration'.
 - » Click on 'Add Uplink'.
 - » Enter the Uplink Name, Select Uplink Type as 'Mobile Broadband'. Enter 'fast.t-mobile.com' under APN.
 - » Select the service 'UMTS'.
 - » Click 'Save'
 - » Click 'Save' again on the main configuration screen.
- Note:** The router requires a wired internet connection to download the 4G configuration from the PCC. A DHCP IP has to be assigned to the WAN port of the box.

The screenshot shows a 'Uplink Configuration' dialog box overlaid on a network configuration page. The dialog has a title bar with 'Uplink Configuration' and a close button. The main area contains the following fields and options:

- Uplink Name:** Text input field containing '4G FAILOVER'.
- Uplink Type:** Dropdown menu set to 'Mobile Broadband'.
- Service:** Dropdown menu set to 'UMTS'.
- APN:** Text input field containing 'fast.t-mobile.com'.
- Advanced Option:** A checkbox that is currently unchecked.
- Username:** Text input field containing 'Username'.
- Password:** Text input field containing 'Password', with a 'show' button to its right.
- DNS Mode:** Dropdown menu set to 'Use ISP(default)'.

At the bottom right of the dialog are two buttons: 'Close' and 'Save'.

7. Firmware Upgrade

- » Navigate to Configuration → Upgrade.
- » How do you want to upgrade? Either choose 'Automatic' or 'Manual'.
- » **Automatic:**
 - In this mode, the firmware version will be selected automatically and upgraded to the latest version.
 - » APs: Enter the MAC address of the individual APs or the whole network.

- » When? Either choose 'Now' or 'Schedule'.
Now: Select this option to upgrade the image immediately to a newer version.
Schedule: Set the date and time for upgrading at a later time.
- » Do you want to save previous uplink configuration? Either choose 'Yes' or 'No'.
Yes: Selecting this option will save the configurations of the device before the upgrade.
No: Selecting this option will not save the configurations.
- » Click on 'Upgrade'.

» **Manual:**

In manual mode user can select the firmware version for upgrade.

- » Version: Select the firmware version to upgrade.
- » APs: Enter the MAC address of the individual APs or the whole network.
- » When? Either choose 'Now' or 'Schedule'.
Now: Select this option to upgrade the image immediately to a newer version.
Schedule: Set the date and time for upgrading at a later time.
- » Do you want to save previous uplink configuration? Either choose 'Yes' or 'No'.
Yes: Selecting this option will save the configurations of the device before the upgrade.
No: Selecting this option will not save the configurations.
- » Click on 'Upgrade'.

Firmware Upgrade

How do you want to upgrade? Automatic Manual

AP / Network / AP Tags*

When? Now Schedule
Note: Upgrade time is mainly rely on Server time **01 June 2016 16:24:52 +05:30**

Do you want to Save previous uplink configuration? Yes No

Firmware Upgrade

How do you want to upgrade? Automatic Manual

Version

AP / Network / AP Tags*

When? Now Schedule
Note: Upgrade time is mainly rely on Server time **01 June 2016 16:26:25 +05:30**

Do you want to Save previous uplink configuration? Yes No

Contact Us

Call us or write to us at the below contacts for any assistance required.

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