



## Purpose: How to Configure PPPoE on the NSE

Login to the Nomadix gateway using the web interface.

1. Go to Configuration then Location to enable PPPoE Client
2. On Location page, click on 'Configure PPPoE Client' link to get to the PPPoE configuration page.

### Location Settings

Company Name *	<input type="text" value="nomadix"/>
Site Name *	<input type="text" value="support"/>
Address (Line 1)	<input type="text" value="1100 Business Center Circle"/>
Address (Line 2)	<input type="text"/>
City *	<input type="text" value="Newbury Park"/>
State *	<input type="text" value="CA"/>
ZIP/Postal Code	<input type="text" value="91361"/>
Country *	<input type="text" value="usa"/>
E-mail Address *	<input type="text" value="support@nomadix.com"/>
Please select the venue type that most reflects your location: *	<input type="text" value="Other"/>
ISO Country Code	<input type="text"/>
Phone Country Code	<input type="text"/>
Calling Area Code	<input type="text"/>
Network SSID/ZONE	<input type="text"/>

**NOTE:** You must reboot for the following settings to take effect.

Network Interface Configuration Method:

- DHCP Client
- PPPoE Client  [Configure PPPoE Client](#)
- Static

<u>Static Configuration Parameters</u>	
Network IP Address	<input type="text" value="67.13.14.13"/>
Subnet Mask	<input type="text" value="255.255.255.224"/>
Default Gateway	<input type="text" value="67.13.14.19"/>

Reboot after changes are saved?  Yes

\* Required Field



### PPPoE Client Configurations

- PPPoE Service Name
  - Service-Name TAG
  - Max length is 31 characters
- PPP Keep Alive
  - Echo Request Interval in seconds
    - Setting to 0 will disable echo requests from the NSE
    - Default is 30 seconds
  - Maximum Missed Responses allowed
    - # of echo-requests go without a response before determine the PPP link is down. Can only set to whole number above 0.
- PPP Authentication
  - Max length for both username and password is 128 characters
- IP Configuration Mode
  - Dynamic will obtain a dynamic IP address from PPPoE server. Similar to DHCP.
  - Static will require manually configuring IP address in the text box.
- Maximum TCP MSS
  - This is MSS not MTU.
  - Maximum value via RFC is 1452. May reduce to lower value base on MTU/MRU negotiation in PPP session.



### Configure PPPoE Client

PPPoE Service Name:

#### PPP keep-alive:

Echo Request Interval:  seconds

Maximum Missed Responses:

#### PPP Authentication:

User Name:

Password:

#### IP Configuration Mode:

Dynamic

Static

Network Interface IP Address:

Maximum TCP MSS:

Note: TCP MSS will be reduced further if necessary based on PPP link's MTU/MRU.

[Back to Location configuration page](#)