



Purpose: How to Configure PPPoE on the NSE

Login to the Nomadix gateway using the web interface.

1. Go to Configuration/Ethernet Ports/WAN and click on WAN.

Ethernet Ports & WAN Interface Configuration and Status

Current Interface Settings for port WAN

Label:

Role:

IPv6 Enabled:

IPv4 Configuration:

Cfg Mode:

IP Address: Gateway ARP Refresh Interval: seconds

Subnet Mask: Gateway:

DNS Domain: DNS Server 1:

DNS Server 2: DNS Server 3:

IPv6 Address Configuration:

IPv6 Address Cfg Mode:

IPv6 Prefix Delegation for Subscriber Interfaces:

IPv6 Prefix:

IPv6 Prefix Length:

IPv6 DNS Server Configuration:

DNS IPv6 Server 1:

DNS IPv6 Server 2:

DNS IPv6 Server 3:

Uplink: Kbps Uplink speed to network

Downlink: Kbps Downlink speed to subscribers

WAN 802.1Q tagging: Enabled VLAN ID:

PPPoE Service Name:

Max. Missed Responses: Echo Request Interval: seconds

User Name: Password:

Dynamic:

Static: Network Interface IP Address:

Max. TCP MSS:

NAT IP Address Settings

Current Additional NAT IP Addresses:

Action	NAT IP
This interface does not have any NAT IP addresses configured for it.	

Additional NAT IP addresses: Enabled

NAT IP address:

0 additional NAT IP addresses are configured.



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.