ADTRAN

NetVanta 2000 Series Technical Note

Configuring DHCP for GVC

> **NOTE** *This document is applicable to NetVanta 2600 series, 2700 series, and 2800 series units.*

Introduction

This tech note provides information on how to configure your internal ADTRAN DHCP server to assign IP addresses to the virtual adapter when using the Global VPN Client (GVC). In this scenario, the ADTRAN DHCP server is the only DHCP server on the network and is assigning IP addresses to the LAN and remote GVC users.

Configuration

Enabling the internal DHCP server:

1. In the Management UI, click on **Network** and open the DHCP Server settings page.

2. Make sure **Enable DHCP Server** is checked.

3. Click on **Apply** when finished.

Configure a DHCP scope in the LAN network:

1. In the Network > DHCP Server Setting page, click on **Add Dynamic.**

2. In the DHCP Server Configuration window, there should be an IP range listed. If so, make sure it is assigned to an interface on your LAN zone.

3. Select the **DNS/WINS** tab. The ADTRAN 2000 Series, by default, will inherit the DNS servers that are configured on your WAN interface. If you have an internal DNS server you want to use, specify it here.

4. Click **OK** when finished.

Configure the VPN:

1. Click **VPN** on the left of the management UI and then click **DHCP over VPN** to open the **VPN > DCHP over VPN** page.

2. Select **Central Gateway** and click **Configure**.

3. In the DHCP Relay window, check **User Internal DHCP Server** and **For Global VPN Client**.

4. Select **OK** when finished.

5. In the Management UI, click on **VPN** and check the **Enable** WAN GroupVPN box under VPN Polices.

Configure client connection:

1. In the Management UI, click on **VPN** and then open up the Settings page.

2. Click the configure icon for the WAN GroupVPN under the VPN polices.

3. In the Client Tab, select **DHCP Lease** for Virtual Adapter Settings.

4. In the Advanced Tab, select **Trusted Users** for User Group for XAUTH users: and check the **Require Authentication of VPN Clients via XAUTH.**

5. Click **Ok**.

Configuring Users:

1. In the Management UI, click on **Users** and then open up the **Local Users** page.

2. Click on **Add User**.

3. Fill in the user's name and password in the User Settings page.

4. In the VPN Access Tab, add **LAN Primary Subnet** to the Access List.

5. Click **Ok**.

Verification

Verifying GVC connection:

1. Connect to the firewall with the GVC.

2. Once you are authenticated to the firewall, you should see a status window pop up on top of your GVC icon in the lower right hand corner of the windows task bar. This status window tells you the virtual IP address that was assigned to you by the firewall.