## **Infrastructure**

## Static IP Pool Setup on AT&T Fiber NVG

The image below shows how to setup a static IP pool on an AT&T Fiber device, such as an Arris NVG599.

<u>Device</u>	Device Broadband		Local Network Voice		<u>Firewall</u> <u>Diagno</u>		stics		
<u>Status</u>	Configure	<u>Wi-Fi</u>	MAC Filtering V	Vi-Fi Scan	Subnets &	DHCP	IP All	ocation	
Subnets & DHCP Help									
Making a change to some pulldowns on this page will automatically change the context below it, enabling you to fill only the appropriate fields for the change you have made.  * all IP addresses and netmasks must be in IPv4 format nnn.nnn.nnn.nnn								DHCP server functionality enables the device to assign a "private" IP address and other parameters that allow network communication to your LAN	
Private LAN Subnet								devices. This feature simplifies network administration because the device maintains a list of IP address assignments.	
Device IPv4 Address			192.168.7.254	192.168.7.254					Device IPv4 Address: Specifies the LAN IPv4
Subnet Mask			255.255.255.0	255.255.255.0					address of the device itself.
DHCP Server									Subnet Mask: Specifies the common Class C subnet.
DHCP Server Enable			On ▼			DHCP Server Enable: Specifies if the device will			
DHCPv4 Start Address			192.168.7.64	192.168.7.64					hand out leases to LAN-side clients.
DHCPv4	End Addres	s	192.168.7.253	192.168.7.253					DHCPv4 Start Address: Specifies the first address
DHCP Le	ease		Days: Hours: 7 : 0 e.g. 01:00:00:00	7 : 0 : 0 : 0					in the DHCP address range. You can reserve a sequence of up to 253 IP addresses within a subnet, beginning with the specified address, for dynamic assignment.
Public Subnet									DHCPv4 End Address: Specifies the last address in the DHCP address range.
Public St	ubnet Mode		On ▼	On ▼					DHCP Lease: Specifies the default length for DHCP leases issued by the device. Enter lease time in dd/hh/mm/ss format
	oound Traffi		On ▼						
Public Gateway Address 99 .49.238									Dublic Cubert Made Hairs a subject subset second
Public Subnet Mask			255.255.255.24	8		Public Subnet Mode: Using a public subnet means that IP addresses assigned to LAN clients will be			
DHCPv4	Start Addre	SS	9949.233			public addresses.			
DHCPv4	End Addres	S	9949.233	9949.233					Allow Inbound Traffic: When enabled, connections to LAN-side devices are allowed to be initiated from
	DHCP Pool		○ Private ● F	○ Private ● Public					the WAN side. This opens the LAN devices on the Public Subnet to potentially malicious traffic, so care should be taken to ensure the LAN-side devices are
Cascade	ed Router								properly protected. (Firewall-enabled)
	d Router En	able	Off ▼	Off ▼					Public Gateway Address: The IP address of the public subnet.

Unique solution ID: #1009

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