

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.

The screenshot shows the configuration interface for 'Subnets & DHCP' on an AT&T Fiber device. The page has a blue header with navigation tabs: Device, Broadband, Local Network (selected), Voice, Firewall, Diagnostics, Status, Configure, Wi-Fi, MAC Filtering, Wi-Fi Scan, Subnets & DHCP, and IP Allocation. The main content area is divided into sections: Private LAN Subnet, DHCP Server, Public Subnet, and Cascaded Router. The Private LAN Subnet section includes fields for Device IPv4 Address (192.168.7.254) and Subnet Mask (255.255.255.0). The DHCP Server section has a dropdown for DHCP Server Enable (On), fields for DHCPv4 Start Address (192.168.7.64) and End Address (192.168.7.253), and a DHCP Lease time field set to 7 days, 0 hours, 0 minutes, and 0 seconds. The Public Subnet section includes a dropdown for Public Subnet Mode (On), a checkbox for Allow Inbound Traffic (On), and fields for Public Gateway Address (99.49.238), Public Subnet Mask (255.255.255.248), DHCPv4 Start Address (99.49.233), and DHCPv4 End Address (99.49.233). There are radio buttons for Primary DHCP Pool (Private and Public, with Public selected). The Cascaded Router section has a dropdown for Cascaded Router Enable (Off). A Help sidebar on the right provides definitions for DHCP server functionality, Device IPv4 Address, Subnet Mask, DHCP Server Enable, DHCPv4 Start Address, DHCPv4 End Address, DHCP Lease, Public Subnet Mode, Allow Inbound Traffic, and Public Gateway Address.

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