6

Viewing the Status and Statistics

This chapter describes how to view the status and statistics for the ATA. It includes the following sections:

- **System Information**
- **Interface Information**
- **Internet Status**
- **Port Statistics**
- **DHCP Server Information**

System Information

Use the *Status > System Information* page to view information about the ATA and its current settings.

To open this page: Click **Status** on the menu bar, and then click **System Information** in the navigation tree.

Field	Description
Model	The model number and product description.
Hardware Version	The hardware version number.
Boot Version	The boot firmware version number.
Firmware Version	The current firmware version.
Recovery Firmware	The version number of the recovery firmware.
WAN MAC Address	The MAC address of the WAN interface.

Field	Description
Host Name	The host name of the ATA.
Domain Name	The domain name of the ATA.
Serial Number	The serial number of the ATA.
Current Time	Time that is set on the ATA.

Interface Information

Use the *Status > Interface Information* page to view information for the WAN interface (INTERNET port) and the LAN interface (ETHERNET port).

To open this page: Click **Status** on the menu bar, and then click **Interface Information** in the navigation tree.

Interface List

Field	Description
Interface	The name of the interface: WAN or LAN.
Connect Type	The type of connection configured for the interface.
IP Address	The IP address of the interface.
Subnet Mask	The subnet mask of the interface.
MAC Address	The MAC address of the interface.

Port List

Field	Description
Interface	The name of the interface: WAN or LAN.
TX (pkts)	The number of packets transmitted from this port.
RX (pkts)	The number of packets received by this port.

Field	Description
Status	The status of the port, showing whether the port is connected to a device or disconnected.
Clear TX & RX	Click this button to reset to 0 the count of TX and RX packets.

Internet Status

Use the *Status > Internet Status* page to view information about the WAN interface (INTERNET port).

To open this page: Click **Status** on the menu bar, and then click **Internet Status** in the navigation tree.

Field	Description
Link Status	The status of the INTERNET (WAN) interface, showing whether the port is connected or disconnected.
IP Address	The IP address of the INTERNET (WAN) interface.
Netmask	The subnet mask for the INTERNET (WAN) interface.
Gateway	The IP address of the default gateway.
Host Name	The host name of the ATA.
Domain Name	The domain name of the ATA.
MTU Type	The method for setting the MTU: Auto or Manual.
MTU Size	The largest protocol data unit (in bytes) permitted for network transmission.
DNS 1-3 (if applicable)	IP addresses for up to three DNS servers that are used for name resolution.

Port Statistics

Use the *Status > Port Statistics* page to view information about the port activity on the WAN interface (INTERNET port) and the LAN interface (ETHERNET port).

To open this page: Click **Status** on the menu bar, and then click **Port Statistics** in the navigation tree.

Field	Description
Input (pkts)	The number of packets received by the port.
Output (pkts)	The number of packets transmitted by the port.
Input Errors	The number of receive errors for incoming traffic.
Input Broadcasts	The number of broadcast messages received by the interface.
Output Broadcasts	The number of broadcast messages sent by the interface.
Input Multicasts	The number of multicast messages received by the interface.
Output Multicasts	The number of multicast messages sent by the interface.

Memory Information

Use the *Status > Memory Information* page to view information about the total and free memory available.

To open this page: Click **Status** on the menu bar, and then click **Memory Information** in the navigation tree.

Field	Description
Memory Total	The total memory available on the ATA is 28416 kB.
Memory Free	The memory available for later usage is 8876 kB.

DHCP Server Information

Use the *Status > DHCP Server Information* page to view information about the DHCP server and clients.

To open this page: Click **Status** on the menu bar, and then click **DHCP Server Information** in the navigation tree.

DHCP Pool Information

Field	Description
Client Name	The host name of the DHCP client.
IP Address	The IP address leased to the client.
MAC Address	The MAC address of the DHCP client.
Expires Time	The remaining time in the current DHCP lease, shown in HH:MM:SS (hours:minutes:seconds) format. The page is periodically updated with the new value as the timer counts down.
Interface	The interface through which the client is connected.

DHCP Server Details

Field	Description
DHCP Server	The status of the DHCP server: Enabled or Disabled.
IP Address / Mask	The IP address and subnet mask for the ETHERNET (LAN) interface.
DNS Proxy	The setting for the DNS proxy service: Enabled or Disabled.
Maximum DHCP Users	The maximum number of clients that can lease an IP address from the DHCP server.
IP Address Range	The range of IP addresses that can be dynamically assigned by the DHCP server.

Field	Description
Client Lease Time	The maximum amount of time, in minutes, that a client can lease a dynamically assigned IP address.
Static DNS	The IP addresses of up to three DNS servers to be used by DHCP clients.
Option 66	The setting for Option 66, which provides provisioning server address information to hosts requesting this option. The ATA may be set to None (internal), Remote TFTP Server, or Manual TFTP Server.
TFTP Server	The IP address, hostname, or URL of the TFTP server used for provisioning.
Option 67	The configuration/bootstrap filename that is provided to hosts that request this option.
Option 159	The configuration URL that is provided to clients that request this option.
Option 160	The configuration URL that is provided to clients that request this option.