RELEASE NOTES

NetVanta Internetworking Products
AOS version 18.01.03
August 2, 2011

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Introduction

AOS version 18.01.03 is a maintenance release that addresses customer issues that were uncovered in previous code releases.

This release is generally available code. Results obtained during internal testing have been evaluated and the code has been determined to be ready for general availability. Caveats discovered during testing but not addressed in this build are listed in *Errata on page 6*.

A list of new or updated documents for this release appears in *Documentation Updates on page 6*.

Configuration guides, white papers, data sheets, and other documentation can be found on ADTRAN's Knowledge Base, http://kb.adtran.com. The contents of these release notes will focus on the platforms listed below.

Supported Platforms

The following platforms are supported in AOS version 18.01.03. To confirm the Boot ROM version of the ADTRAN unit, telnet or console to the unit and issue the **show version** command. In the command output, the Boot ROM version will be listed as Boot ROM version XX.XX.XX. If you require a Boot ROM upgrade, please contact ADTRAN Technical Support (support@adtran.com or 888-423-8726) for assistance.

Platform	Standard Feature Pack	Enhanced Feature Pack	Minimum Boot ROM
NetVanta 1234/1238	√		17.03.02.SB
NetVanta 1534	√		17.06.03.00
NetVanta 1534 (2nd Gen.)	√		17.08.01.00
NetVanta 1534P (2nd Gen.)	√		17.09.01.00
NetVanta 1544/1544F	√		17.06.03.00
NetVanta 1544 (2nd Gen.)	√		17.08.01.00
NetVanta 1544P (2nd Gen.)	√		17.09.01.00
NetVanta 1638	√		18.01.01.00
NetVanta 1638P	√		18.01.01.00
NetVanta 1335		√	15.01.00
NetVanta 3120		√	14.04.00
NetVanta 3130		√	14.04.00
NetVanta 3200/3205 (3rd Gen. only)	√	√	17.02.01.00
NetVanta 3305 (2nd Gen. only)	√	√	04.02.00
NetVanta 3430	√	√	13.03.SB
NetVanta 3430 (2nd Gen.)	√	√	17.05.01.00
NetVanta 3448	√	√	13.03.SB
NetVanta 3450	√	√	17.06.01.00
NetVanta 3458	√	√	17.06.01.00
NetVanta 4305 (2nd Gen. only)	√	√	08.01.00
NetVanta 4430	√	√	17.04.01.00
NetVanta 5305	√	√	11.03.00

System Notes

This section explains changes pertaining to the system installation for AOS version 18.01.03.

• There were no system installation changes for AOS version 18.01.03.

Features and Enhancements

This section highlights the major features, commands, and behavioral changes for AOS version 18.01.03.

• There were no major features, commands, or behavioral changes for AOS version 18.01.03.

Fixes

This section highlights major bug fixes in AOS version 18.01.03.

• If the native VLAN on an 802.1Q trunk was deleted from the **Physical Interfaces** page of the GUI, the native VLAN would not be removed, but another VLAN would be deleted instead.

• With traffic-shaping enabled on an Ethernet interface, a router booted for more than seven weeks could begin to drop packets in the outbound queue of an interface, contributing to voice quality issues. In addition, the seven week timer would cause console and Telnet management traffic to be sluggish.

• With more than 80 routes in an OSPF database, an SNMP walk of the OSPF MIB tree would fail.

• The switchports on a NetVanta 1335 could enter a stalled state, preventing the output queue from emptying, resulting in a loss of communication.

• When using the SIP proxy in stateful mode, the Record-Route header for the AOS device was added as the topmost entry instead of the bottommost entry, which would cause routing issues for the device behind the SIP proxy.

• In some instances, an ICMP probe would not return to a passed state after it failed.

• SSH and HTTP/HTTPS connections would not populate the Remote-Address field of the TACACS+ authentication request. This resulted in the field always populating with 0.0.0.0. Telnet connections were not affected.

• L3 switching table could get into a state where a valid ARP entry would not be inserted.

• The ARP table and L3 switching table could choose different MAC addresses to install when an IP conflict existed in the network.

• Gigabit interfaces could not be added to a Network Monitoring track list.

• An ATM PVCs VPI/VCI could not be set in the GUI.

• When a NetVanta unit was configured to terminate AH tunnels and if the peer-to-peer negotiation passed through an intermediate NAT, the NetVanta unit would prevent the VPN tunnels from being generated properly.

• If a non-Ethernet hardware type was specified in a DHCP server pool, the hardware address would not be added to the running configuration.

- The AOS firewall could not create a source NAT for a Gigabit Ethernet subinterface with a four-digit ID number.

- The SIP proxy would populate the Contact header in an outbound INVITE with the IP address of the private interface as opposed to the IP address of the public interface.

- When PPP was configured to negotiate an IP address with a nondefault administrative distance and if a previous default route had already been negotiated with a default administrative distance, the route with the default administrative distance would not be removed when PPP was reconfigured or bounced.

- Reverse Route Injection would not insert the correct next-hop IP address when configured in a load-sharing scenario.

- Some Frame Relay subinterfaces would improperly indicate an average utilization of 0 percent.

- The **Telnet to Unit** link in the GUI would not populate the correct IP address if the unit was being accessed through a NAT destination policy on a third-party device.

- The **show interface** command would display the incorrect ADSL training mode for some DSLAMs. This was only a display error.

- Class of service weighted round robin weights were not honored properly.

Errata

The following is a list of errata that still exist in AOS version 18.01.03.

- There were no new Errata for AOS version 18.01.03.

Upgrade Instructions

Upgrading ADTRAN products to the latest version of AOS firmware is explained in detail in the configuration guide *Upgrading Firmware in AOS* (ADTRAN's Knowledge Base article 1630), available at http://kb.adtran.com.

Documentation Updates

The following documents were updated or newly released for AOS version 18.01.03 specifically for the NetVanta Internetworking products.

- There were no updated or newly released documents for AOS version 18.01.03.