



RELEASE NOTES

NetVanta Internetworking Products

AOS version 18.01.04

October 20, 2011

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Introduction

AOS version 18.01.04 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 18.01.04. 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 18.01.04.

- There were no system installation changes for AOS version 18.01.04.

Features and Enhancements

This section highlights the major features, commands, and behavioral changes for AOS version 18.01.04.

- There were no major features, commands, or behavioral changes for AOS version 18.01.04.

Fixes

This section highlights major bug fixes in AOS version 18.01.04.

- Certain OSPF configurations caused route flapping and a memory leak.
- In some cases, attempts to resolve the domain name of an NTP server caused a reboot.
- In some cases, the left menu in the GUI did not display properly.
- When receiving an Extended Length flag set in the AS_Path Path Attribute of a BGP update, the local BGP Routing Information Base did not propagate the correct IP next-hop.
- Bursty levels of traffic would cause packet loss on a NetVanta 3130 ADSL interface when using low upload rates.
- Enabling **debug ip packet** while configured to match all IP traffic, would result in a reboot.
- TACACS+ authentication did not work when logging into an AOS device via the console.
- In some instances, NTP source specification did not work.
- Reordering IKE attributes in the GUI would result in them being deleted and also deleted the IKE attributes of other configured IKE policies.
- On a NetVanta 3133, the **line-rate-mode fixed** command did not properly set a fixed line rate.
- On a NetVanta 3120, port statistics did not display in the GUI on the **Public Interface** menu.
- If a non-Ethernet hardware type was specified in a DHCP server pool, the hardware address would not be added to the running configuration.
- A reboot could occur when a TCP packet was received that was larger than the negotiated maximum segment size (MSS) for that session.
- Manually generating an exception report on a NetVanta 1544 caused a reboot.
- In the GUI of a NetVanta 3120, the IP address of the public interface would not be assigned if a default gateway address was not also assigned that resided in the same subnet as that IP address.

- SNMP polling attempts failed when using community strings with special characters, such as @.
- In some cases, the SIP ALG would not properly close firewall sessions. When this happened, the router would have to be rebooted in order to NAT SIP traffic properly with the ALG.

Errata

The following is a list of errata that still exist in AOS version 18.01.04.

- There were no new Errata for AOS version 18.01.04.

Upgrade Instructions

Upgrading ADTRAN products to the latest version of AOS firmware is explained in detail in the configuration guide [Upgrading Firmware in AOS](http://kb.adtran.com) (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 18.01.04 specifically for the NetVanta Internetworking products.

- There were no updated or newly released documents for AOS version 18.01.04.