RELEASE NOTES

NetVanta 7000 Series Products
AOS version A5.01.00
September 15, 2011

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Introduction

AOS version A5.01.00 is a major system release that adds new features and addresses customer issues that were uncovered in previous code releases.

This release is generally available code, meaning that it has been subjected to both design verification and product qualification testing. Results obtained during this 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 7*.

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 ADTRAN's IP telephony products.

Supported Platforms

- NetVanta 7100 – IP Communication Platform
- NetVanta 7060 – IP PBX

System Notes

This section explains changes pertaining to the system installation for AOS version A5.01.00.

- FindMe-FollowMe treats all calls from the auto attendant as internal calls.

- SNOM M3 phones do not support attended transfer at this time. This and other caveats will be documented in a future configuration guide for using the SNOM phones with the NetVanta 7000 Series.

Features and Enhancements

This section highlights the major features, commands, and behavioral changes for AOS version A5.01.00.

- Increased the cipher strength for HTTPS/SSL for PCI compliance testing.

- Added capability to log Station Message Detail Records (SMDR) to CFLASH.

- Added enhancement to Call Queuing allowing calls be distributed to queue agents based on idle time.

- Added the command **ip rtp firewall-traversal *<start-range> <end-range>*** to allow users to specify the range of NAT UDP ports the firewall will reserve for RTP packets.

- Simplified NetVanta UC Server integration in a BCS setup by providing a configuration page in the NetVanta 7000 series GUI to configure relevant parameters.

• Added enhancement to bulk phone configuration via CSV Import that added columns for DID, Alias, Email Address, Call Coverage List, Class of Service, and Voicemail Class of Service. This allowed these additional parameters be defined for new User Accounts created during CSV Import.

Fixes

This section highlights major bug fixes in AOS version A5.01.00.

• NetVanta 6355 and 7100 ONLY: The MTU could not be changed on the Ethernet 0/0 interface. An error would display that an IP address had to be set, even if one was already configured.

• In the Personal Phone Manager when configuring Find-Me-Follow-Me when **Ring Extension** was the first option and the second option was **And Ring Extension**, the second option was deleted when applied.

• In the Personal Phone Manager when configuring Find-Me-Follow-Me when **Ring External** was the second option and the third option was **And Ring External**, the third option was deleted when applied.

• When the GUI system language was set to French, the IP Phone Globals GUI page would not load.

• When the FindMe-FollowMe feature was configured with **Accept** disabled for the **Ring External** option, the Personal Phone Manager would incorrectly display the **Accept** option as enabled.

• A 503 Service Unavailable response was received if a NetVanta 7100 was configured for MLPPP, the user deleted the PPP interface, then went to a T1 interface that showed a PPP connection, and clicked on the PPP link.

• Music-on-Hold feature would not work on an inbound call transferred from another NetVanta 7100.

• An unknown error would occur when applying changes to RTP monitoring in the GUI.

• If an administrator attempted to enter an invalid call coverage external number to a user account from the GUI, they then had to exit the user configuration and re-edit the user account in order for any call coverage changes to be properly applied.

• NetVanta 7100, 6355, 6310, 6330 platforms ONLY: If a port-to-port FXS call was made, the first outbound FXS SIP call would fail DTMF digit detection. Every subsequent FXS SIP call would function properly.

• If a voicemail message was forwarded from one SIP user to another, the Fast Forward and Rewind operations could not be used to manipulate the voicemail message.

- After a reINVITE with an RTP payload type of 101, the NetVanta 7100 would refuse to accept the 101 payload type.

- With an NTP Server configured, the Summary GUI menu would only show the status of the SNTP Server as **Not Configured**.

- Setting the Registration Expire Time in the GUI's SIP trunk configuration to Server Default resulted in an invalid configuration. This setting would be ignored upon reboot and revert back to the default value of 3600.

- Received PPP PAP Authen-Ack packets with heavy padding were detected as an invalid packets.

- The accept template cost for Local Calls would always display as **Low Cost**.

- Enabling **ip ffe** on an AOS voice product would cause the caller to hear silence for the first few seconds of a call.

- A five-digit Ring Group could not be created through the GUI.

Errata

The following is a list of errata that still exist in AOS version A5.01.00.

- The **Name or Description** field of FindMe-FollowMe Contact Groups cannot be edited.

- The clock source for a WAN T1 cannot be configured from the GUI.

- If a 500 Server Internal Error with a Retry-After header is received in response to a request, the call is dropped instead of retrying the request after the time specified in the Retry-After header.

- A **Rebuild All** action on NetVanta IP Phone Configs menu of the GUI incorrectly reports an error of **Rebuild Operation Failed**.

- A SIP 200 OK response to SIP INVITE with the sendonly media attribute does not contain SDP attribute for recvonly or inactive.

- The Slot LED for an FXO/FXS VIM always remains red.

- Improve stability with Realtime Transport Protocol (RTP) processing.

- In the VQM **RTP Monitoring** menu, the **Source IPs** and **Interfaces** menus have invisible data points that appear and display data when the cursor hovers over them. The invisible data point information duplicates a visible data point and can usually be found hidden above the visible data point.

- In the VQM RTP Monitoring menu, the refresh button refreshes the displayed graphic, but it also duplicates information in the lower part of the menu. Also, when the cursor hovers over a data point, it displays multiple instances of the same data. The problem can be cleared up by clicking **RTP Monitoring** in the side navigation bar, but any subsequent refresh data clicks results in the same condition.

- Occasionally, fax/modem tone detection fails on analog trunks, preventing modem passthrough from working.

- When a NetVanta 7100 is configured for French Canadian, some GUI menus display HTML code and errors. The locations are as follows:

  - SYSTEM -> services IP

  - SYSTEM -> MOTS DE PASSE -> login configuration submenu

  - SYSTEM -> NOM D'HOTE/DNS -> Ajouter/Modifier/Supprimer submenu

- T.38 FAX call tests fail after T1 PRI loss and system timing shifts. A reboot is required to clear the condition.

- Incoming calls to a SIP trunk could be disconnected when attempting a blind transfer from one SIP phone to another.

- Fax calls will not process between the Netvanta UC Server and the NetVanta 7100 after the 7100 sends T.38 reINVITE.

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. Firmware upgrades are available on the *Support/Software Downloads* section of ADTRAN's website at http://www.adtran.com.

Documentation Updates

The following documents were updated or newly released for AOS version A5.01.00 specifically for the IP Telephony products.

- AOS Command Reference Guide (60000CRG0-35D, article 2219)

- NetVanta Safety and Regulatory Information (61200500E1-48C, article 3444)

- Upgrading AOS Firmware Configuration Guide (61200990L1-29.1D, article 1630)

- International Configuration Guide (6AOSCG0014-29B, article 3508)

- NetVanta 7000 Series SIP Trunking and Networking (61200796L1-29.4E, article 2508)

- T.38 in AOS Configuration Guide (61950851L1-29.1D, article 2186)

- MGCP in AOS Configuration Guide (61210916L1-29.7E, article 2347)

- Configuring the AOS Voice Loopback Account Configuration Guide (6AOSCG0020-29A, article 2363)

- NetVanta Dual T1 NIM Quick Start Guide (61202872L1-13C, article 3430)

- Configuring User Accounts on the NetVanta 7000 Series (6AOSCG0004-29B, article 1896)

- Configuring the NetVanta 7100 for AT&T's IP Flexible Reach Service (6AOSCG0015-29B, article 3497).