

Vanguard Applications Ware Release 6.3 Service Pak 1 (6.3.S100) Advisory Notice

Introduction

This notice contains information on software improvements and changes made by the Vanguard Applications Ware Release 6.3.R00A Service Pak 6.3.S100.

This notice supplements the *Vanguard Applications Ware Release 6.3.R00A Software Release Notice* (Part Number T0001-44).

Install Service Pak Executable File

Follow these steps to install the Release 6.3.R00A Service Pak 6.3.S100 patch executable file:

Step	Action
1	If you have not already done so, install Vanguard Software Builder from any Vanguide Release 6.3.R00A CD-ROM (Part Number 72608-33 A).
2	Download the V63S100.ZIP file from Vanguard Managed Solutions, please save the file to a local drive on your computer.
3	Use WinZip® to extract the ZIP file. The V63S100.ZIP file contains the V63S100.EXE file and a copy of this advisory notice in PDF format.
4	Run or open the V63S100.EXE executable file from your local drive.
5	The patch executable file prompts you with installation instructions. Insert the Vanguide 6.3.R00A CD-ROM into the CD-ROM drive and select its drive letter. Follow the installation instructions provided by the installer.

■ Note

For more detailed patch installation instructions, refer to the *Vanguard Software Builder Manual* (Part Number T0030).



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Build an Image

After you install the Service Pak executable file, you must build a custom release and load the custom image. This table provides general instructions for these procedures:

Step	Action
1	Using Vanguard Software Builder, build a custom Release 6.3.R00A Service Pak image by selecting the appropriate Service Pak (6.3.S100 for example) from the Release drop-down menu. Select features or options that you want to include in the image.
2	Load the custom image using the Vanguard Software Loader.

■ Note

For detailed instructions on building a software image and using the Vanguard Software Loader, see the *Vanguard Software Builder Manual* (Part Number T0030) and the *Vanguard Software Loader Manual* (Part Number T0057).

Viewing Alarms and Reports

Alarms and Reports appear in the CTP or in your network management system. For explanations of Vanguard alarms and fatal error reports (FERs), see the *Vanguard Alarms and Reports Manual* (Part Number T0005), or visit the Alarms Search database on: www.vanguardms.com/support/

Service Pak 6.3.S100 Change Requests and Software Improvements

Overview

The table below lists change requests and software improvements. Change requests reported to Customer Service have an assigned change request number, and, in most cases, interim patches are released to fix the problems. These change requests and software improvements are incorporated into the Vanguard Applications Ware Release 6.3.R00A Service Pak 1 (6.3.S100), and, where applicable, interim patch releases have been replaced by the Release 6.3.R00A Service Pak 6.3.S100:

■Note

The Change Request Number and Limitation Number are numbers assigned by Vanguard Managed Solutions and are used exclusively for tracking purposes.

Change Request Number	Limitation Number	Release Where Problem Was Reported	Interim Patch Release Replaced by Release 6.3 Service Pak 6.3.S100	Problem or Enhancement Description
N/A	DRFaa21388	N/A	6.1.P11A	Vanguard 6435, 6455 TPA-TCP converter (TPDU) disconnecting time reduced.
12112	N/A	6.2.T03B	6.2.T18B	Vanguard 7300 Series stops passing data out of the ATM port. EP4 is at 100%.
12189	N/A	6.2.R000	6.2.T18B	Vanguard 7300 Series node crash with an error: "FAULT: Program 750 Exception Encountered".
12227	N/A	6.0.T12A	6.0.T12C	Vanguard 6560 error: "HIGH PRESERVING DBUFFER INTEGRITY ADDR: 0x00000." Traffic is slowed down.
12266 13139	N/A N/A	6.2.R000 6.2.T13B	6.2.T14A N/A	Vanguard 6455 node crashed after upgrade to 6.2 (failed to respond to SNMP). Error message: "Data TLB Miss Exception Encountered."
12506	N/A	6.1.S100	6.1.T1FA	Vanguard 6455 voice channel cannot be initialized. When a PBX tries to make an outgoing call, the voice channel is blocked.
12646	N/A	6.0.R00A	6.0.T11A	Vanguard 6435, 6450, 6455 BRI does not establish a connection on both B-Channels.

Change Request Number	Limitation Number	Release Where Problem Was Reported	Interim Patch Release Replaced by Release 6.3 Service Pak 6.3.S100	Problem or Enhancement Description (continued)
12692	N/A	5.6.T2HA	6.2.T12A	Vanguard 6455 PBX does not open the audio path when sending a progress message with progress information element last byte = 88 in ISDN interworking.
12920	N/A	6.2.S100	6.2.T13B	Vanguard 320, 340, and 342 B-Channel stays in a connected state during MLPPP backup over ISDN BRI.
12921	N/A	6.1.S100	6.1.T1JA	Vanguard 6455 - When IP packets are exchanged between the Central site LAN and Remote LANs, there are no ICMP redirect packets. Traffic flow increases on the WAN links.
12942	N/A	6.0.S100	6.2.T13B	Vanguard 6435, 6455 - When the calling ID number type is Subscriber, the calling ID is stripped out of the setup message.
12961	N/A	6.2.R000	N/A	Vanguard 340, 342 packet buffers were lost after port five was deleted/nulled.
12969	N/A	6.2.T04A	6.2.T04B	Vanguard 7300 Series unable to pass data over a VLAN trunk.
13043	N/A	N/A	6.2.P1AA	All Vanguards - Ability needed to authenticate CHAP (Cisco command). "PPP AUTHENTICATION CHAP CALLIN" feature added.
13105	N/A	N/A	6.3.P03A	All Vanguards - Value of STRATUM field decreased from 6 to 3 when Vanguard Sntp Feature is configured to run Sntp Server only.
13154	N/A	6.2.R000	6.3.T04A	All Vanguards - Remote Datascope not working properly.
13158	N/A	6.1.T02D	6.3.T02B	Vanguard 340, 342 node is losing RIP routes. Ethernet RX Queue size and RX Queue processing time increased.
13177	N/A	6.1.T02D	6.1.T02E	All Vanguards - IORB error from SNMP Discovery Process. Packet buffers were exhausted and CPU is 100%.
13225	N/A	6.1.S100	6.1.T1LA	Vanguard 6455 node crashed when querying PRI statistics.

Change Request Number	Limitation Number	Release Where Problem Was Reported	Interim Patch Release Replaced by Release 6.3 Service Pak 6.3.S100	Problem or Enhancement Description (continued)
13290	N/A	6.3.R00A	N/A	All Vanguards - Selecting ISDN without LBU crashes the node.
13374	N/A	6.3.t02B	6.3.T02C	Vanguard 340, 342 voice daughtercard errors. Voice audio was not clear.
13378	N/A	6.3.R000	N/A	Vanguard 342 node crashed with an error: "FAULT: Data TLB Miss Exception Encountered." Vanguard reboots when receiving a H.323 Call from Open Phone H.323 Windows Client.
