Nortel VPN Router
Software Release V7_05.450

1. Release Summary

Release Date: Mar 6, 2009
Purpose: Software Maintenance release to address customer found software issues.

2. Important Notes Before Upgrading to This Release

None

3. Platforms Supported

Nortel VPN Router (formerly known as Contivity Secure IP Services Gateway) software release V07_05.450 supports the following hardware platforms

600
1010
1050
1100
1600
1700
1740
1750
2600
2700
4600
5000

4. Notes for Upgrade

For details on how to upgrade your Nortel VPN Router (formerly known as the Contivity Secure IP Services Gateway), see the *Contivity Secure IP Services Gateway Release Notes* (part no. 315000-G Rev 01 and part no. 315000-H Rev 00). Release notes are available at http://www.nortel.com/support; select the Security & VPN product family, then select VPN Router Portfolio, then Documentation and click Go.

5. Version of Previous Release

Software Version 7.05_400

6. Compatibility

In order to take full advantage of this release the following versions are recommended for the related products. This is only a recommendation; this release is compatible with all supported versions.

Nortel VPN Client	7.01.332
Nortel VPN Localized Client	6.02.040
Nortel VPN Client for Vista	6.07.032
Nortel Tunnel Guard Agent	3.0.2.0
Nortel VPN Gateway	6.0.1

NOTE: Nortel VPN Client version 5_01.103 and above is required to get the full benefit of Entrust Roaming Profiles and Entrust Link Certificates.

7. Changes in This Release

New Features in This Release
None

Old Features Removed From This Release
None

Problems Resolved in This Release
Nortel Networks VPN Router sustaining release Version 7.05.450 resolves the following issues:

Q01106239   -
The Nortel VPN Router may continue to process the packets received on a LAN interface that is administratively disabled.

Q01597802 -
When a get bgpPeerEntry (OID 1.3.6.1.2.1.15.3.1) is done the Nortel VPN Router may core.

Q01672312 –
The Nortel VPN Router may send SNMP Traps to every configured and enabled Trap Host regardless of whether the SNMP Traps hosts are available or unavailable.

Q01676114 -
On the Nortel VPN Router linkage regarding the routes learned via a Branch Office works incorrectly under certain circumstances, when one disables/enables the interface or unplugs/plugs the cable.

Q01683371 -
Some of the LDAP attributes of Nortel VPN Router may not match the data types required by newer external Ldap servers like Sun Directory Server 6.2. For the correct functioning of this CR, please refer to Q01989296.

Q01823714   -
On the Nortel VPN router, a core may occur when repeatedly enabling and disabling the default route on a PPP interface.

Q01823814   -
Nortel VPN Router branch office Interoperability problems with non NVR peers cause traffic to stop over tunnels.

Q01827780 -
LDAP Proxy may force password change with a Sun 6.0 server.

Q01832326   -
A static route on the Nortel VPN Router may not be deleted when disconnecting a PPP connection, using subnet mask 255.255.255.255, over ISDN/V90 interface.

Q01861400 -
On NVR, SNMP Server trap is not sent when a configured trap host is not available.

Q01862741 -
The Nortel VPN router may crash when sending a malformed SIP packet.

Q01864233 -
On the Nortel VPN router, Power Up and Cold Start traps are not received on boot if the host is reachable through a nailed-up BO tunnel.

Q01867534 -
The Nortel VPN Router event log may record TunnelGuard "connection error 60" events when connections are abnormally terminated.

Q01870760 –
The Nortel VPN Router may core in while processing a packet coming in through a Branch Office Tunnel whose IPsec session has been unexpectedly removed.

Q01871415 –
On a Nortel VPN router, OSPF adjacencies may be lost while saving a Firewall policy with many rules, even with OSPF-high-priority-mode set and there are active user tunnels.

Q01873415 -
Intermittent cores may occur on the Nortel VPN Router running dynamic ABOT tunnels when updating the routing tables.

Q01877252 -
When a Nortel VPN router loses and quickly recovers connectivity through an E1 card to a PPP peer the default route may no longer work.

Q01884207   -
On a Nortel VPN Router when editing an address pool, if the range is the same as an existing one, the existing pool is deleted and the new one is added.

Q01887917   -
The Nortel VPN Router incorrectly displays the DHCP message "FATAL ERROR: setsockopt() failure!" In place of the IP address pool message "Failing over to default pool for empty pool".

Q01892628   -
Addresses may not be returned to the IP address pool after a RADIUS-authenticated user reconnects to the Nortel VPN Router after an abnormal disconnect.

Q01893144   -
The Nortel VPN Router may allow renaming the default DHCP Pool from CLI even if it's assigned to a group.

Q01893212   -
The Nortel VPN Router may allow changing a DHCP Pool which has in-use addresses.

Q01893637 –
Mf-classifier names that include "\" and "?" characters may not be saved correctly if the configuration is done through CLI. (see **Known Limitations**)

Q01894318 –
The Nortel VPN Router may not allow a user with "view" only rights to use ping and trace route commands from the CLI.

Q01894862 –
The Nortel VPN Router may show an error in show running-config if the IP is set for a LAN sub-interface.

Q01895360 -
A Nortel VPN Router may not display the non-default subinterface filter configuration in the output of the "show running-config user-friendly" command.

Q01896834 -
The Nortel VPN Router allows the admin to change the encapsulation protocol of an already created Frame Relay Virtual Circuit.

Q01897428 –
A subinterface is reported as UP when the physical interface is down and 802.1Q is disabled and enabled.

Q01897562 –
the Nortel VPN Router may core when the router runs out of memory while setting up a NAT packet flow.

Q01899722 -
When the Nortel VPN Router retrieves SRS data from LDAP and the SRS Content SRS rule starts with a prologue <?xml version="1.0" encoding="UTF-8" standalone="no"?> in the LDAP, it will cause an exception error on the TunnelGuard FWUA client side.

Q01901787 –
When the Hardware Accelerator on a Nortel VPN Router encounters an error while processing data it returns a status that provides more details regarding the error. A generic eventlog message is being generated while the status be returned has more specific details.

Q01905497 -
The Nortel VPN Router may lose memory when a branch office connection is unstable..

Q01906186 -
The Alert light on the front of the Nortel VPN Router may illuminate when a login attempt fail.

Q01908454 -
Restore Factory Defaults did not complete on a diskless Nortel VPN Router; the system was not restarted.

Q01919859 -
A core may occur on the Nortel VPN Router after logging a message that has over 256 bytes of variable data.

Q01924071 -
When the Nortel VPN Router is configured with RADIUS authentication and Error Code Pass Thru enabled, an invalid login results in the error message shown on a Token Security Challenge window.

Q01926793
Cannot make NOT rule in TunnelGuard on the VPN Router using the TunnelGuard Admin applet.

Q01929726 –
Nortel VPN Router may access a null session which can cause a core.

Q01930085 -
When a VPN Client tunnel does not respond to the Nortel VPN Router for the specified time period the Tunnel is not being torn down properly.

Q01935278 -
Dead Peer Detection on the Nortel VPN Router does not recognize a branch office link failure if traffic for the remote network is received from the local net and the remote and local endpoints are not directly connected.

Q01935911 -
When BGP MIB (iso.org.dod.internet.mgmt.mib-2.bgp OID: 1.3.6.1.2.1.15) is inspected the Nortel VPN Router may not respond with all the information necessary.

Q01937027 –
The Nortel VPN Router may core under specific conditions after deleting the management address from the serial menu.

Q01937683 -
When disabling HTTP management access on the private interface via the GUI, from the Services/Available page, the SSH port on the Nortel VPN Router gets set to 2222.

Q01942790 -
When a user issues a dir or ls command in cli after exporting a server certificate, a TypeError:len() of unsized object appears.

Q01959929 -
A core may occur when a client attempts to connect to the Nortel VPN Router at an IP address which is the endpoint of a Branch Office Tunnel.

Q01959929
Nortel VPN Router may core when a user is coming in via a Branch Office tunnel and is trying to establish a user tunnel to the same remote endpoint.

Q01963181 -
"Pkts Received" on the QOS/Interfaces/Statistics screen is misleading as it refers to packets transmitted out the interface.

Q01989296 –
On a Nortel Router, external LDAP may not work properly if Schema Checking is enabled on the LDAP server. I addition when Schema Checking is disabled the newOakBoTag and newOakFilterRuleRef attributes may not be imported.

8. Outstanding Issues

Q01915101
The maximum tunnel limit should have been increased from 5 to 50 on the 1750 platform for V07_05.400 & V08_00 software. If a user applies one of these versions of software and then downgrades, the unit should continue to have the minimum of 50 tunnels supported. In addition, if a user has a VPN Tunnel license providing 500 connections or a NVR router with a builtin 500 license key, this license should not be impacted.

9. Known Limitations

1. If the classifier or classifier rule name include "?", it can not be configured from CLI, we recommend our users do it from GUI.
2. If the classifier or classifier rule name include special characters, and users input it between double quotes from CLI, "\" should be used to escape the special character.
3. There will be inconsistencies between the result of show command and the command used to configure the classifier from CLI.
   Such as:
   a. In show command, if the classifier or classifier rule name include "?", it only can be configured from GUI.
   b. In show command, if the classifier or classifier rule name include special character
       QOS mf-class add "test'2",
       in configure command, it should be use command
       QOS mf-class add "test\'2"
       to configure it.
   c. "\" can not be used in the QOS and related names

.

10. <u>Documentation Corrections</u>

For known issues, please refer to the product release notes and technical documentation available from the Nortel Technical Support web site at: http://www.nortel.com/support.