



Nortel VPN Router

Software Release V5_05.330

1. Release Summary

Release Date: June 22, 2007

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 V05_05.330 supports the following hardware platforms

600
1010
1050
1100
1600
1700
1740
1750
2600
2700
4500
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 **Security and VPN --> Virtual Private Networking (VPN), IPSEC, and SSL --> VPN Router Portfolio --> Documentation** and click **Go**.

5. Version of Previous Release

Software Version 5.05.304

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 | 5.01.140 |
| Nortel Tunnel Guard Agent | 1.1.0.0 |
| Nortel VPN Gateway | 5.1.13 |

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 5.05.330 resolves the following issues:

Q01021806 –

The Nortel VPN Router may send remote LDAP search queries to the backup LDAP server even when the Primary server is available.

Q01044305 –

The Nortel VPN Router may discard non-standard FTP packets when NAT is applied to Branch Office Tunnels.

Q01073840 –

On the Nortel VPN Router, the duplex parameter from "speed 10/100 duplex full/half" command may be ignored for fast-Ethernet interfaces.

Q01102632 –

On the Nortel VPN Router, it is not possible to add an interface address based on the hostname.

Q01121870 –

The graphic representation from Status->Reports->Graph on the Nortel VPN Router is not accurate for the CPU usage.

Q01146680 –

The Nortel VPN Router may continue to reply to ARP requests over an interface which has been deactivated by VRRP

Q01165684 –

On a Nortel VPN Router a WAN interface can be configured for a line speed greater than the interface type allows. A T1 interface can be configured for 2 megabits when in fact the maximum allowed speed is 1.54 megabits.

Q01184732

On the Nortel VPN Router, a Branch Office Tunnel may not come back up if it was deactivated when the VRRP interface went down.

Q01189477

On the Nortel VPN Router, certain management functionalities from the GUI and console cause slow performance when an error occurs because a Radius Authentication Server is unreachable.

Q01231976 –

The Nortel VPN Router shows incorrect information in SNMP queries for Virtual Circuits.

Q01231980 –

When multiple Frame Relay Virtual Circuits are configured on a Nortel VPN Router, the IFSpeed MIB value will display the same for all the Virtual Circuits.

Q01244857

The Nortel VPN Router's CLI command "show running-config system wan" should contain "line-encoding" command.

Q01248711 –

Deleting the group level radius configuration on the Nortel VPN Router causes the display: "Primary not configured, Alternate 1 not configured, and Alternate 2 not configured".

The Nortel VPN Router allows the user to check the Group Level Radius Server box even though no Radius servers are defined under group settings.

Q01250163 –

On the Nortel VPN Router, when trying to exit from the "NAT Policy Manager" applet you click Yes on the save changes dialog window, some invalid NAT policies may be saved.

Q01274635 –

On the Nortel VPN Router, the Load Balancing IP Address could be deleted from GUI only by typing 0.0.0.0.

Q01282762 –

On the Nortel VPN Router, the MD5 password pertaining to OSPF is displayed in clear text in the output of "show running-config" command from the CLI.

Q01283462 –

On the Nortel VPN Router, certain UDP NAT entries were not timing out after the documented 3 minute time interval. Subsequently, these entries would not be deleted from the NAT translation table.

Q01284128 –

An ABOT configured on the Nortel VPN Router with the local gateway as "AutoSelect" will not recover if the Dial on Demand interface starts or stops too fast.

Q01284522 –

On a Nortel VPN Router, if the default route is learned through the Branch Office tunnel, all indirect routes learned over the tunnel will have a next-hop value of 0.0.0.0 making them unreachable.

Q01291880 –

The Nortel VPN Router may experience memory leak when certificate authentication is used and authentication fails.

Q01292501 –

When using certificates with an AltSubjectName for Branch Office authentication on the Nortel VPN Router, the AltSubjectName for the Local Identifier type IP can not be configured via CLI.

Q01305147

On the Nortel VPN Router, the "show running config service policy" may generate commands longer than 480 characters causing provisioning to fail.

Q01306264

On the Nortel VPN Router, the "show running config routing VRRP" command output contained unnecessary information about the interface's RIP and OSPF configuration.

Q01306267

On Nortel VPN Router, the "show running configuration routing VRRP" command's output missed the configured critical-interface-group for one of the configured interfaces

Q01306270

On the Nortel VPN Router, some configuration combinations for the policy object groups lead to invalid "show running config service policy" outputs.

Q01312474 –

Contivity VPN Router built-in DHCP server does not reply to requests if the User Class option is specified by the client but not recognized by the server.

Q01326075 –

The Nortel Router could hang after selecting Routing->Static Routes from the Management GUI

Q01342308 –

The Nortel VPN Router allows an upgrade to a FIPS compatible version that does not contain the desmac.dat file, resulting in a continuous Core.

Q01351270 –

A Gigabit Ethernet configured for 10 Mbps Half-Duplex on the Nortel VPN Router may lock up if the remote end is configured for Auto Negotiate.

Q01354195 –

The Nortel VPN Router timers act erratically after 414 days from the last reset because of the timers' representation limitation.

Q01355028 –

When a port of the Quad T1 interface card receives a Blue Alarm Indication (or AIS), the Nortel VPN system may demonstrate high CPU Utilization, even after traffic destined for the affected port ceases or the link is disconnected.

Q01359646 –

A Nortel VPN Router does not tear down the previous VPN session when a user is disconnected and tries to log in again. This occurs only if the user is authenticated via RADIUS.

Q01360600 –

The VPN Router may core when large strings are inserted for lastName, firstName, userID fields, in Status->Accounting page

Q01366666 –

The Nortel VPN Route may core when referencing the routing table after an interface goes down

Q01367613 –

When a CRL was deleted on a Nortel VPN Router, it did not download when the next user attempted to login. This error occurred when the user had Group Level Authentication configured and used LDAP proxy.

Q01370768 –

The Re-key Timeout on the Nortel VPN Router cannot be disabled by entering the value 00:00:00 as specified in the documentation.

Q01371280 –

On the Nortel VPN Router, the ABOT Initiator Id value is truncated after the first 127 characters.

Q01371631 –

After a reboot on a Nortel VPN Router, the HTTP sessions may hang after the first attempt to manage the SSL VPN card. This occurs when the Stateful Firewall and Enforce TCP Conversation Rules are enabled

Q01373095 –

The Nortel VPN Router may display an error when either the default or the maximum lease time for DHCP is configured. This occurs when the value for these parameters is set to infinite.

Q01374435 –

The Nortel VPN Router may experience a core when backing up the LDAP if NAT or Firewall policies are configured.

Q01376689 –

After canceling a scheduled reboot from a named config file, the Nortel VPN Router may still boot from the named config file.

Q01388055 –

The Nortel VPN router reports an incorrect source address in ICMP unreachable packets.

Q01389415 –

An external DHCP sever cannot be configured through the GUI on the Nortel VPN Router.

Q01392140 –

The VPN Router with Rip V2 and MD5 authentication does not distribute RIP learned routes due to miscalculation of the packet size if the number of routes is greater than 23.

Q01395708

The Nortel VPN Router may experience a core after upgrading to Release V05.05.304

Q01396909 –

When an “SNMP get interface” is performed on a Nortel VPN Router, an address is displayed for the CLIP interface even when CLIP is not configured on the router. This may result in problems with management software due to the possible duplication of MAC addresses.

Q01401228 –

The Nortel VPN Router global PCAP process did not display the correct format for packets entering and leaving a NAT-enabled interface.

Q01402242 –

The Nortel VPN Router may fail to accept Radius returned attributes due to RFC1779 non compliance.

Q01403240 –

The Nortel VPN Router may lock up when using the Hardware Accelerator and throughput is higher than normal.

Q01404978 –

Traffic over a Frame Relay link on the Nortel VPN Router may stop if an error occurs during the link startup process.

Q01407495 –
The Nortel VPN Router may not display the learned IP address when dynamic PPPoE is set for the public interface.

Q01407634 –
The Nortel VPN Router reports a PORT SCAN error when several DNS failure replies are received to its DNS requests.

Q01409760 –
The Nortel VPN Router may not advertise default public routes through RIP across BOTs.

Q01414706 –
A login problem may occur on the Nortel VPN Router when utilizing Entrust certificates with CDP authentication. The user may need to attempt logging in three times before being successful.

Q01416754 –
On the Nortel VPN Router, the QoS bandwidth rate maximums differ between CLI and GUI.

Q01418600 –
On a Nortel VPN Router with Contivity Stateful Firewall and "Enforce TCP Conversation Rules" enabled a TCP connection will time out faster than normal.

Q01422229 –
A core may result on the Nortel VPN router after performing an LDAP search

Q01422361 –
If a Nortel VPN Router is set to time zone GMT+1 and slaved to an NTP server, during the night of the last Saturday/Sunday of September it will still stop DST and revert to GMT+1 display.

Q01436494 –
In an environment with a large number of user/TunnelGuard tunnels, the Nortel VPN Router may core.

Q01449620 –
The ARP timeout parameter that one configures through the CLI to age out ARP entries, did not work after the Nortel VPN Router was rebooted.

Q01468694 –
The Nortel VPN Router experienced memory loss during FTP sessions.

Q01472681 –
The Nortel VPN Router may core when it is rebooted with a large number of TunnelGuard user tunnels active.

Q01491598 –
On the Nortel VPN Router, disabling or enabling a Branch Office Tunnel may cause VRRP to stop sending its advertisements for a short period of time.

Q01497139 –
Enabling CRL Optimization stops users from logging into the Nortel VPN Router.

Q01512107 –
The Nortel VPN Router does not advertise a RIP learned default route with a correct metric over a Branch Office tunnel

Q01522389 –
The Nortel VPN Router may not send out a RIP triggered update when a route becomes unreachable.

Q01541275 –
The Health Check alarm on the Nortel VPN Router may periodically indicate high buffer usage on a T1 interface.

Q01583298 –

The system Up-Time of the Nortel VPN Router reverts back to 0 (zero) after reaching 365 days 23 hours 59 minutes 59 seconds.

Q01588523 –

On the Nortel VPN Router, the One Minute Average Line Utilization Information may be incorrectly displayed in Status -> Statistics -> LAN Counters.

Q01595457 –

The Nortel VPN Router may core while processing a Radius authentication response containing the Framed-IP-address attribute. This is only seen when the IP Tunnel MIB traps are enable in SNMP.

Q01595733 –

On the Nortel VPN Router, misidentification of the V.35 PCI card version on boot up causes loss of some configuration settings.

8. Outstanding Issues

None

9. Known Limitations

ICMP packets sent over NAT'd ECMP interfaces utilizing the per-packet algorithm is a special case on the Nortel VPN Router. For the per-packet algorithm, the ICMP conversation is changed depending on which interface or tunnel the packets are transmitted on. Users may experience intermittent ping failures over NAT'd ECMP interfaces. The use of the source or destination algorithm is recommended in this scenario.

A Nortel VPN Router may core in a particular RIP ECMP topology while trying to compare the RIP routes with the existing routes learned via Local and Static routes. The RIP routes learned were better cost routes than the local and static as the sender redistributed them into RIP database with default metric.

10. Documentation Corrections

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>.

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