



# Nortel VPN Router

## Software Release V7\_05.400

### **1. Release Summary**

Release Date: Aug 22, 2008

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\_05.400 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, and then select Documentation and click Go.

### **5. Version of Previous Release**

Software Version 7.05\_350

## **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	7.01.330
Nortel VPN Localized Client	6.02.040
Nortel VPN Client for Vista	6.07.027
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 7.05.400 resolves the following issues:

#### **Q01112991**

***On the Nortel VPN Router, a critical interface with deactivate enabled will be put back into the routing table even though the Primary VRRP interface is down.***

#### Q01325546

The internal HTTP server may core on the Nortel VPN Router.

#### Q01332155

A core may occur on an initiator Nortel VPN Router after making a remote endpoint configuration change to a dynamically routed (OSPF) ABOT tunnel.

#### Q01536797

Memory leaks occur when logging out of SSH sessions on the Nortel VPN Router.

#### Q01583439

A core may occur on the Nortel VPN Router after packets contained in large buffers on an Ethernet interface are transmitted.

#### Q01676788

The copyright that is displayed on the main login page of the Nortel VPN Router CLI upon bootup does not reflect the correct current year.

#### Q01693700 –

When a Security Association is being established to a non-existent local network on a Netscreen device, the entire tunnel will be torn down on the Nortel VPN router.

Q01723798

The Nortel VPN Router does not allow a user with Manage Router "Manage" rights to alter the priority of OSPF.

Q01740258

The Nortel VPN Router will core if ABOT and Peer to Peer tunnels are both configured with the same endpoint if the endpoint is associated with a DNS name

Q01744588

On the Nortel VPN Router, the "ppp ip remote" command may not appear in "show running-config system dial" output even if it is configured.

Q01745566

L2TP tunnels user ids on the Nortel VPN Router cannot contain the "@" special character.

Q01746149

The Nortel VPN Router enables all PPPoE default routes after a reboot even when "Use Default Route" is specified.

Q01750974

When selecting "Prepare /ide1/"(selected secondary device for removal) multiple times on the Nortel VPN Router, a core may occur.

Q01751061

In a Dual NVR setup with load balancing enabled, unnecessary authentication failed log messages are displayed in the event log.

Q01753223

On the Nortel VPN Router, when configuring an interface, the command "ip ospf authentication key" requires a key followed by an ip address to be entered even when the interface is not multinetted.

Q01753270

The "show running-config user-friendly" command on the Nortel VPN Router does not show the word "default" for the default IP pool.

Q01753281

The Nortel VPN Router script, "show running-config user-friendly", does not show the Branch Office Tunnel state "enabled".

Q01756370

The Nortel VPN Router 5000 does not allow a "shutdown" on the builtin Gigabit Ethernet interface.

Q01764447

When a user is running Java 6 Update 1 or 3 on a Vista machine, Nortel VPN TunnelGuard Admin Applet will not open.

Q01774724

The Nortel VPN Router may core during the EventLog autosave process.

Q01782190

Occasionally a core may occur on the Nortel VPN Router if a dynamic tunnel is established and RIP or OSPF is disabled and then reenabled

Q01782295

With external LDAP, NAT Traversal users may not be able to connect to a circuitless IP address after the NAT Traversal UDP port is changed and the Nortel VPN Router is rebooted.

Q01782328

With the Nortel VPN Router configured to use Network Time Protocol, the time displayed may not be adjusted for the end of Daylight Savings Time until several hours after Daylight Savings Time ends.

Q01783192

If Radius accounting is configured, the Nortel VPN Router may eventually stop sending Radius accounting records.

Q01799214

The VPN Router does not update the following SNMP ifEntry parameters for a Branch Office Tunnel: ifMtu, ifInOctets, ifInUcastPkts, ifOutOctets, ifOutUcastPkts.

Q01799215

On the Nortel VPN router, all branch office connection names are indexed and saved into LDAP. On the responder side for an ABOT, this is happening after the connection has been established.

Q01799380

The "show running-config" and "show running-config user friendly" scripts may not report the configuration of a multi-field classifier for "egress". on an interface

Q01799928

QoS mf-classifier names with ":" are not listed in statistics.

Q01799933

Static routes previously deleted via the GUI on the Nortel VPN Router appear in the CLI with the command "show ip route."

Q01799997

After a reboot, the Nortel VPN Router shows all subinterfaces in the UP state even though the physical interface is disabled.

Q01800089

On a NVR, a new pool will be added if the user is trying to modify the name of a currently used IP address pool. On a NVR, a new range will be added if the user tries to modify the range of a currently used IP address pool.

Q01800093

On the Nortel VPN Router, the link back to "Configure VRRP Page" is not displayed after the Refresh button on the Interface Group page is pressed.

Q01804402

The Nortel VPN Router will core if a double quote (") is used in a Multi-Field Classifier name.

Q01804976

SSH on the Nortel VPN Router may cause a hang condition if many sessions are started at about the same time.

Q01805002

The Nortel VPN Router Firewall does not log dropped packets when the source address is equal to the broadcast address.

Q01805826

An interface configured with PPP on a Nortel VPN Router can be configured to add a default route if the option "Accept Negotiated Address" is selected for the remote address. If the option "Specify Remote IP" is subsequently chosen, then the default route is not removed from the routing table.

Q01808163

When "Validate Public Default Routes" is configured, the Nortel VPN Router may eventually stop sending and receiving traffic if the default route's ping address is unreachable.

Q01808947

The Nortel VPN Router cores if inputs longer than 2000 characters are used for the CMP Authorization Code or for the CMP Reference Number.

Q01809330

Entering invalid IP addresses and masks on the Nortel VPN Router Virtual Circuit screen for ATM or Frame Relay interfaces will result in error messages displayed in Swedish.

Q01811137

On the Nortel VPN Router, changing the value of the WAN Frame Relay MTU via the GUI does not take effect.

Q01811614

The Nortel VPN Router Restore to Factory Defaults process does not delete the Certificate Management Protocol settings.

Q01811675

Multiple IP addresses on the same network can be configured on one interface from the GUI on the Nortel VPN Router.

Q01811691

The Nortel VPN Router allows the changing of the Protocol and Protocol Option for an already created ATM Virtual Circuit.

Q01812258

The Nortel VPN Router allows setting a TCP MSS value that exceeds the "MTU Value – 40" for the ATM, WAN, Dial interfaces.

Q01812287

The Nortel VPN Router will display a "Page Unavailable" message when configuring a Virtual Circuit on ADSL or WAN interfaces if an invalid IP address is specified.

Q01812333

The NVR may not show warning messages in CLI when configuring an ADSL Virtual Circuit without specifying the Local or Remote IP.

Q01812950

An ATM Virtual Circuit on the Nortel VPN Router can be deleted even if OSPF is still configured on that interface.

Q01812998

The Nortel VPN Router may not correctly provision the DNS name servers if some of the servers are not configured.

Q01813026

On the Nortel VPN Router, when creating a new VC with MPoFr protocol with "use fragmentation" set to true, the "fragment size field" can be left blank. Populating the field should be required.

Q01813634

The Nortel VPN Router may not set the "Use Default Route" option correctly when configuring a Virtual Circuit for an ADSL or Wan Interface from the GUI.

Q01813746

The Nortel VPN Router may not allow creation and enabling of a CLIP Address from the GUI if another CLIP address with a higher IP already exists.

Q01814481

The Nortel VPN Router cores when processing a SIP NOTIFY packet from the Microsoft Live Communications Server 2003 messaging server.

Q01821146

The Nortel VPN Router may experience a memory leak when nailed up Branch Office or User Tunnels are configured.

Q01821663

On the Nortel VPN Router, creating an ADSL Virtual Circuit with MPoA Protocol via the GUI allows the 0.0.0.0 network to be added to the route table as a direct network.

Q01824530

The Nortel VPN router may experience intermittent cores in OSPF when the IP route table is updated.

Q01825318

The Nortel VPN Router drops packets when trying to ping/trace an interface ip without a source address.

Q01827778

If a User Encryption Key is set on the Nortel VPN Router but no longer used because Triple Des encryption was added, the CLI still reports the Key is set.

Q01829930 –

The Nortel VPN Router may Core while collecting IpTunnel statistics when multiple tunnels are bouncing.

Q01831487

On the Nortel VPN Router, the link back to "Configure VRRP Page" is missing if a Search, Disable/Enable, Delete or Details button on the Interface Group page is pressed.

Q01834607

The Services->Demand GUI page on the Nortel VPN Router may be unavailable after returning from the Routing->Interface Group page.

Q01834877

If an SSH user fails to respond to a password prompt, the user's session never terminates at the server thereby limiting the number of other sessions.

Q01835463

An IP address pool whose name is entirely numeric can be created on the Nortel VPN Router but cannot be used.

Q01837934

Tunnels may not be established if TunnelGuard is installed with JRE 1.4 on the client PC and a TG policy with Boolean expression (and / or) is saved on the management station using JRE 1.6

Q01839395

The minimum number of tunnels that can be raised on the Nortel VPN Router 1750 without an additional license has been changed from 5 to 50.

Q01842603

The Nortel VPN Router should not display a "password expired" window when using LDAP\_Proxy to an Active Directory when the password to the Active Directory has expired.

Q01843243

On a Nortel VPN Router 5000, load balancing results are incorrect when unused bandwidth capacity is very large.

Q01845048

When a client connection is authenticated on the Nortel VPN Router, duplicate copies of this are logged in the event log (i.e. Security[05] Session: IPSEC[user]:number physical addresses: remote (address) local (address) ).

Q01847767

When an SSH session is started with an invalid command, the Status->Sessions screen displays it as a user session after it is terminated and the session cannot be deleted.

Q01847836

Cores can occur on the Nortel VPN Router when SSH sessions are terminated abnormally.

Q01848951

SSH may core on the Nortel VPN Router after an error from a Nessus scan

Q01849790

A Nortel VPN Router with active user tunnels may encounter a programmed crash in the Hardware Accelerator when transmitting packets contained in large buffers.

Q01850918

With certain configuration/ldap combinations on the Nortel VPN Router, Services->Firewall/NAT->Firewall Manage Policies displays the Existing Policy List with the System Default policy in bold instead of the actual enabled policy displayed in bold.

Q01851154

On the Nortel VPN Router, SSH tasks and memory are not released after failed logins.

Q01851504

ATM VC information on the Nortel VPN Router is not displayed correctly on the Routing->Interfaces screen.

Q01852757

On the Nortel VPN Router, SSH resources remain in use after a user telnets to an SSH port and does not respond to the banner.

Q01854304 –

On the Nortel VPN Router after a critical interface has been disabled, the VRRP master interface, which is in a down state, may send a gratuitous ARP.

Q01854652

On the Nortel VPN Router, the mask for the SNMP management IP address may show a value different from the value shown in the cli “show ip route” output.

Q01856362

The Nortel VPN Router will core if a double quote (") is used in a Multi-Field Classifiers Rule name.

Q01858167

On the Nortel VPN Router, it may not be possible to log off sessions if TunnelGuard is configured and the Agent Absent Action is “Leave Restricted and send banner if configured.”

Q01858441

A core may result on the Nortel VPN Router if many sessions are logged in and out of SSH very quickly.

Q01860381

A core may occur if the Nortel VPN Router is configured to send SNMP traps for tunnel status changes and the tunnel name is longer than 30 characters.

Q01862932

A core may occur on the Nortel VPN Router when an interface changes state and these two routes are configured:

- a default route whose next-hop interface is that interface and
- a static route whose destination network is the same as that interface's local subnet and its next-hop is within that subnet.

Q01864510

A core may occur on the Nortel VPN Router when a remote Branch Office connection has several attached subnets and fails negotiation with one attached device.

Q01865105

The Nortel VPN Router may not show information about the default route setting of PPPoFR VCs when the command "show running-config system" or "show running-config user friendly system" is run.

Q01865687

ON DHCP->Servers screen, if Maximum Lease Time and Default Lease Time are both changed, and one of them is changed to an invalid value, an error page is displayed, stating: "The requested page is temporarily unavailable. Please use your browser's back button to return to the previous page, and try the operation again."

Q01869972

When the Nortel VPN Router has a Branch Office Tunnel configured with a remote network of 0.0.0.0/0.0.0.0, any deleted private default gateway will re-appear after a reboot.

Q01870717

Fragmented pkts from SR 1004 not decrypted by Nortel VPN Router.

Q01871415-

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

Q01876694

The Nortel VPN Router may experience a memory leak when Frame Relay Compression is configured.

Q01883493

GUI: Spaces are not allowed for Classifier Names and Classifier Rule Names

Q01884660.

CLI-No error message when setting secondary IP address same as primary address

Q01888374

Changes are not saved when editing a failed CMP request.

Q01884384

The Nortel VPN Router may not be able to update the Entrust certificate after a private key has expired.

Q01892572-

On the Nortel VPN Router when a VLAN subinterface is disabled and re-enabled, it remains DOWN until the parent interface is disabled and re-enabled

Q01895674

After sync with NTP server the NVR doesn't add to UTC time the Time Zone Value

Q01895959-

The Nortel VPN Router only sends SNMP V1 traps. Some trap hosts require SNMP V2.

## **8. Outstanding Issues**

Q01871415 –

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



## **9. Known Limitations**

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## **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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