



Nortel VPN Router

Software Release V5_05.200

1. Release Summary

Release Date: May 13, 2005

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 V05.05.200 supports the following hardware platforms:

600
1010
1050
1100
1600
1700
1740
2600
2700
4500
4600
5000

4. Notes for Upgrade

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

5. Version of Previous Release

Software Version 5.05.180

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.

Contivity Client	5.01.110
Contivity Tunnel Guard Agent	1.1.3.0
ASA	4.2.1.15

NOTE: To get the full benefit of Entrust Roaming Profiles and Entrust Link Certificates, Nortel VPN Client Version 5.01.103 is required.

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* Contivity* Secure IP Services Server Gateway sustaining release Version 5.05.200 resolves the following issues:

- Q00935154-01 – The 7811 Hardware Accelerator card may crash due to an internal error, and not recover gracefully even though the auto-recovery option is enabled. This would result in the termination of all VPN tunnels routed through it.
- Q00942962 – When deleting a user group or a Branch Office connection, the Firewall policies stored in the LDAP file are not being searched for rules involving the user tunnel or branch office tunnel to be deleted. The associated rules are therefore not being deleted.
- Q01097151 – An interface configured for VRRP with the deactivate option enabled on the associated Critical Interface group and designated as the VRRP master will never be elected VRRP master again once the interface goes down.
- Q01069148 – The Radius Accounting files are deleted based on the default value of 60 days rather than the configured value when the request for deletion is made while the LDAP server was not accessible.
- Q01070117 – When enabling the “Enforce TCP Conversation Rules” on the incoming packets a test was made to see if the packet was a TCP SYN packet. This check did not account for SYN packets with either the ECN or CWR bits set and would drop valid packets.
- Q01079635 – The Nortel VPN Router will not send an SNMP link down trap for a Branch Office Tunnel down event.

- Q01079713 – The Nortel VPN Router CLI command “show running config” does not display the NTP configuration information.
- Q01080024 – When "ping trigger" is used in a BIS configuration the Nortel VPN Router may run out of system buffers and become unmanageable and eventually hang. The problem happened every 4–5 hours at the particular site. If any other method (such as Interface group or route unreachable) is used, the problem does not happen.
- Q01080729 – The Nortel VPN Router occasionally incorrectly reports the IfOperStatus for a Branch Office Tunnel as down even when the tunnel association is still valid.
- Q01089050 – When NAT'd traffic exits the box on one interface and returns on another (i.e., ECMP), the Contivity firewall checks the interface to see if the traffic is expected. If it is not expected traffic the packet is dropped. This should not be the case if the NAT translation exists within the table.
- Q01092900 – The Nortel VPN Router has a timer mechanism which polls for nailed-up tunnels every 60 seconds to see if any require initiation. When IP is deleted, a tunnel indicator used by the timer mechanism is set to NULL resulting in the timer trying to bring the tunnel up on the next poll. Because IP is deleted, the initiate fails but the tunnel indicator is not reset. Therefore, nailed-up Branch Office Tunnels will fail to come up again after IP re-added.
- Q01101724 – The Nortel VPN Router may core while processing numerous simultaneous failed authentication attempts with SNMP traps enabled. This is a timing issue and is rarely seen.
- Q01105397 – SSL-VPN servers configured on a public CLIP address do not function because packets being returned by the Panther card are being routed through private routes rather than public routes.
- Q01105803 – In a Nortel VPN Router with the Quad T1 PCI card, transmit traffic may be delayed if the receive side is nominally quiet. The transmission of data is not interrupt driven, it is initiated by the queuing of additional transmit data or by receive data. This can cause the above mentioned symptom in certain cases.
- Q01117695 – The Nortel VPN Router may core while processing an illegally formed IKE packet from an outside source.
- Q01133958 – The Nortel VPN Router may core while processing multiple simultaneous tunnel creations. This is a timing issue and is rarely seen.

8. Outstanding Issues

None

9. Known Limitations

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

10. Documentation Corrections

None

For other 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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