

Version 10.04.016

NN46110-411 02.01

March 2010

Standard

600 Technology Park Drive  
Billerica, MA 01821-4130

# **Nortel VPN Client Release Notes — VPN Client Software Release 10.04.016**

**NORTEL**

## **Copyright © 2010 Nortel Networks. All rights reserved.**

The information in this document is subject to change without notice. The statements, configurations, technical data, and recommendations in this document are believed to be accurate and reliable, but are presented without express or implied warranty. Users must take full responsibility for their applications of any products specified in this document. The information in this document is proprietary to Nortel Networks.

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of that license. The software license agreement is included in this document.

## **Trademarks**

Nortel, the Nortel logo, the Globemark, and Contivity are trademarks of Nortel Networks.

Adobe and Acrobat Reader are trademarks of Adobe Systems Incorporated.

America Online and AOL are trademarks of America Online, Inc.

Entrust is a trademark of Entrust Technologies, Inc.

Microsoft, Windows, Windows 2000, and Windows XP are trademarks of Microsoft Corporation.

Netscape, Netscape Communicator, Netscape Directory Server, and Netscape Navigator are trademarks of Netscape Communications Corporation.

All other trademarks are the property of their respective owners.

## **Restricted rights legend**

Use, duplication, or disclosure by the United States Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of the Rights in Technical Data and Computer Software clause at DFARS 252.227-7013.

Notwithstanding any other license agreement that may pertain to, or accompany the delivery of, this computer software, the rights of the United States Government regarding its use, reproduction, and disclosure are as set forth in the Commercial Computer Software-Restricted Rights clause at FAR 52.227-19.

## **Statement of conditions**

In the interest of improving internal design, operational function, and/or reliability, Nortel Networks Inc. reserves the right to make changes to the products described in this document without notice.

Nortel Networks Inc. does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Portions of the code in this software product may be Copyright © 1988, Regents of the University of California. All rights reserved. Redistribution and use in source and binary forms of such portions are permitted, provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that such portions of the software were developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from such portions of the software without specific prior written permission.

SUCH PORTIONS OF THE SOFTWARE ARE PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

In addition, the program and information contained herein are licensed only pursuant to a license agreement that contains restrictions on use and disclosure (that may incorporate by reference certain limitations and notices imposed by third parties).

---

## Nortel Networks Inc. software license agreement

This Software License Agreement (“License Agreement”) is between you, the end-user (“Customer”) and Nortel Networks Corporation and its subsidiaries and affiliates (“Nortel Networks”). PLEASE READ THE FOLLOWING CAREFULLY. YOU MUST ACCEPT THESE LICENSE TERMS IN ORDER TO DOWNLOAD AND/OR USE THE SOFTWARE. USE OF THE SOFTWARE CONSTITUTES YOUR ACCEPTANCE OF THIS LICENSE AGREEMENT. If you do not accept these terms and conditions, return the Software, unused and in the original shipping container, within 30 days of purchase to obtain a credit for the full purchase price.

“Software” is owned or licensed by Nortel Networks, its parent or one of its subsidiaries or affiliates, and is copyrighted and licensed, not sold. Software consists of machine-readable instructions, its components, data, audio-visual content (such as images, text, recordings or pictures) and related licensed materials including all whole or partial copies. Nortel Networks grants you a license to use the Software only in the country where you acquired the Software. You obtain no rights other than those granted to you under this License Agreement. You are responsible for the selection of the Software and for the installation of, use of, and results obtained from the Software.

**1. Licensed Use of Software.** Nortel Networks grants Customer a nonexclusive license to use a copy of the Software on only one machine at any one time or to the extent of the activation or authorized usage level, whichever is applicable. To the extent Software is furnished for use with designated hardware or Customer furnished equipment (“CFE”), Customer is granted a nonexclusive license to use Software only on such hardware or CFE, as applicable. Software contains trade secrets and Customer agrees to treat Software as confidential information using the same care and discretion Customer uses with its own similar information that it does not wish to disclose, publish or disseminate. Customer will ensure that anyone who uses the Software does so only in compliance with the terms of this Agreement. Customer shall not a) use, copy, modify, transfer or distribute the Software except as expressly authorized; b) reverse assemble, reverse compile, reverse engineer or otherwise translate the Software; c) create derivative works or modifications unless expressly authorized; or d) sublicense, rent or lease the Software. Licensors of intellectual property to Nortel Networks are beneficiaries of this provision. Upon termination or breach of the license by Customer or in the event designated hardware or CFE is no longer in use, Customer will promptly return the Software to Nortel Networks or certify its destruction. Nortel Networks may audit by remote polling or other reasonable means to determine Customer’s Software activation or usage levels. If suppliers of third party software included in Software require Nortel Networks to include additional or different terms, Customer agrees to abide by such terms provided by Nortel Networks with respect to such third party software.

**2. Warranty.** Except as may be otherwise expressly agreed to in writing between Nortel Networks and Customer, Software is provided “AS IS” without any warranties (conditions) of any kind. NORTEL NETWORKS DISCLAIMS ALL WARRANTIES (CONDITIONS) FOR THE SOFTWARE, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OF NON-INFRINGEMENT. Nortel Networks is not obligated to provide support of any kind for the Software. Some jurisdictions do not allow exclusion of implied warranties, and, in such event, the above exclusions may not apply.

**3. Limitation of Remedies.** IN NO EVENT SHALL NORTEL NETWORKS OR ITS AGENTS OR SUPPLIERS BE LIABLE FOR ANY OF THE FOLLOWING: a) DAMAGES BASED ON ANY THIRD PARTY CLAIM; b) LOSS OF, OR DAMAGE TO, CUSTOMER’S RECORDS, FILES OR DATA; OR c) DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), WHETHER IN CONTRACT, TORT OR OTHERWISE (INCLUDING NEGLIGENCE) ARISING OUT OF YOUR USE OF THE SOFTWARE, EVEN IF NORTEL NETWORKS, ITS AGENTS OR SUPPLIERS HAVE BEEN ADVISED OF THEIR POSSIBILITY. The forgoing limitations of remedies also apply to any developer and/or supplier of the Software. Such developer and/or supplier is an intended beneficiary of this Section. Some jurisdictions do not allow these limitations or exclusions and, in such event, they may not apply.

#### 4. General

- a. If Customer is the United States Government, the following paragraph shall apply: All Nortel Networks Software available under this License Agreement is commercial computer software and commercial computer software documentation and, in the event Software is licensed for or on behalf of the United States

Government, the respective rights to the software and software documentation are governed by Nortel Networks standard commercial license in accordance with U.S. Federal Regulations at 48 C.F.R. Sections 12.212 (for non-DoD entities) and 48 C.F.R. 227.7202 (for DoD entities).

- b. Customer may terminate the license at any time. Nortel Networks may terminate the license if Customer fails to comply with the terms and conditions of this license. In either event, upon termination, Customer must either return the Software to Nortel Networks or certify its destruction.
- c. Customer is responsible for payment of any taxes, including personal property taxes, resulting from Customer's use of the Software. Customer agrees to comply with all applicable laws including all applicable export and import laws and regulations.
- d. Neither party may bring an action, regardless of form, more than two years after the cause of the action arose.
- e. The terms and conditions of this License Agreement form the complete and exclusive agreement between Customer and Nortel Networks.
- f. This License Agreement is governed by the laws of the country in which Customer acquires the Software. If the Software is acquired in the United States, then this License Agreement is governed by the laws of the state of New York.

---

# Contents

---

<b>New in this release</b> .....	<b>8</b>
Features .....	8
Other changes .....	8
Document changes .....	8
<b>How to get help</b> .....	<b>9</b>
Finding the latest updates on the Nortel Web site .....	9
Getting help from the Nortel Web site .....	10
Getting help over the phone from a Nortel Solutions Center .....	10
Getting help from a specialist by using an Express Routing Code .....	10
Getting help through a Nortel distributor or reseller .....	11
<b>Preface</b> .....	<b>13</b>
Before you begin .....	13
Text conventions .....	13
Related publications .....	14
Hard-copy technical manuals .....	15
<b>Overview</b> .....	<b>17</b>
Supported platforms .....	17
Domain logon on XP using Two-step login .....	17
Automatic proxy detection .....	17
Mobile Broadband Adapter support .....	18
<b>Issues and considerations</b> .....	<b>19</b>
Fixes and Enhancements in this Release .....	19
Version 10.04 considerations .....	20
Q01887509 — IPsec tunnels send a passive keepalive every 15 seconds .....	20
Q01881759 — Long delays at launch .....	21
Q01925268 — 10.01 NVC: Inaccurate packet capture with Wireshark .....	21
Q01906688 — Application launch: Pre launch is not working for failover profiles .....	22
Q02060663 — Other users' profiles won't be uninstalled .....	22
Q02051419 — Modifying an installed NVC is not supported .....	23

Q02106133 — Attempt to bring up SSL tunnel second time through PLAP fails .....	23
Version 10.04 known anomalies .....	24
Q01932592 — PLAP with certificates on smartcards is not functioning correctly .....	24
Q01934399-01 — Certificate authentication using subj alt name on 10.01 NVC client not working .....	24
Q01930877 — 10.01 NVC: After the tunnel is down the remote desktop stops working .....	24
Q01953716 — VPN Client 10.01 when installed with Juniper client causes Blue Screen .....	24
Q01955020 — 10.01 NVC: PLAP loading status icon failure .....	25
Q01959272 — 10.01 NVC client: Blue screen due to OfficeScan kernal error .....	25
Q01961512 — 10.01 NVC client: ghost tunnel on NVR if NVC tunnel fails (screen saver) .....	25
Q01963942 — 10.01 NVC client: GUI does not launch with PLAP after the service is stopped .....	25
Q02102587— No PIN prompt for SmartCard authentication on Windows 7 and Vista .....	26
Q02066099— Installing v10.x client after uninstalling of a legacy client (pre 10.01) needs a reboot in between .....	26
Restricted product—export license requirement .....	27
<b>Appendix</b>	
<b>OpenSSL License .....</b>	<b>29</b>
Third Party Terms for VPN Client release 10.01 thru 10.04 (December 2008- February 2010) .....	29
OpenSSL License .....	30
Original SSLeay License .....	32



## New in this release

---

The following sections details what's new in *Nortel VPN Client Release Notes — VPN Client Software Release 10.04.016* (NN46110-411).

- [“Features”](#)
- [“Other changes”](#)

### Features

- This release provides support to editions of Windows XP, Windows Vista and Windows 7 operating systems. See [“Supported platforms” on page 17](#) for a full list of supported editions.
- On XP, this release provides domain logon through a Two-Step logon. See [“Domain logon on XP using Two-step login” on page 17](#) for information on XP login.
- This release added automatic proxy detection. See [“Automatic proxy detection” on page 17](#) for more information on automatic proxy detection.
- This release fixed a mobile adaptor support issue in Windows 7. See [“Mobile Broadband Adapter support” on page 18](#)

### Other changes

See the following section for information about changes that are not feature-related.

### Document changes

The following information is updated for this release:

- [“Fixes and Enhancements in this Release” on page 19](#)



---

# How to get help

---

This section explains how to get help for Nortel products and services.

## Finding the latest updates on the Nortel Web site

The content of this documentation was current at the time the product was released. To check for updates to the latest documentation and software for Client, click one of the following links:

Link to	Takes you directly to the
<a href="#">Latest software</a>	Nortel page for <b>VPN Client</b> software located at: <a href="http://support.nortel.com/go/main.jsp?cscat=SOFTWARE&amp;resetFilter=1&amp;poid=10621">http://support.nortel.com/go/main.jsp?cscat=SOFTWARE&amp;resetFilter=1&amp;poid=10621</a>
<a href="#">Latest documentation</a>	Nortel page for <b>VPN Client</b> documentation located at: <a href="http://support.nortel.com/go/main.jsp?cscat=DOCUMENTATION&amp;resetFilter=1&amp;poid=10621">http://support.nortel.com/go/main.jsp?cscat=DOCUMENTATION&amp;resetFilter=1&amp;poid=10621</a>

## Getting help from the Nortel Web site

The best way to get technical support for Nortel products is from the Nortel Technical Support Web site:

[www.nortel.com/support](http://www.nortel.com/support)

This site provides quick access to software, documentation, bulletins, and tools to address issues with Nortel products. From this site, you can

- download software, documentation, and product bulletins
- search the Technical Support Web site and the Nortel Knowledge Base for answers to technical issues
- sign up for automatic notification of new software and documentation for Nortel equipment
- open and manage technical support cases

## Getting help over the phone from a Nortel Solutions Center

If you do not find the information you require on the Nortel Technical Support Web site, and you have a Nortel support contract, you can also get help over the phone from a Nortel Solutions Center.

In North America, call 1-800-4NORTEL (1-800-466-7835).

Outside North America, go to the following Web site to obtain the phone number for your region:

[www.nortel.com/callus](http://www.nortel.com/callus)

## Getting help from a specialist by using an Express Routing Code

To access some Nortel Technical Solutions Centers, you can use an Express Routing Code (ERC) to quickly route your call to a specialist in your Nortel product or service. To locate the ERC for your product or service, go to

[www.nortel.com/erc](http://www.nortel.com/erc)

## **Getting help through a Nortel distributor or reseller**

If you purchased a service contract for your Nortel product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller.



---

# Preface

---

These release notes contain the latest information about Nortel VPN Client Version 10.04.016

## Before you begin

This document is intended for network managers who are responsible for the Nortel VPN Client. It is assumed that you have experience with windowing systems or graphical user interfaces (GUI) and familiarity with network management.

## Text conventions

This guide uses the following text conventions:

- |                          |   |
|--------------------------|---|
| angle brackets (<>)      | Indicate that you choose the text to enter based on the description inside the brackets. Do not type the brackets when entering the command.<br>Example: If the command syntax is <code>ping &lt;ip_address&gt;</code> , you enter <code>ping 192.32.10.12</code>   |
| <b>bold Courier text</b> | Indicates command names and options and text that you need to enter.<br>Example: Use the <code>show health</code> command.<br>Example: Enter <code>terminal paging {off   on}</code> .  |
| braces ({} )             | Indicate required elements in syntax descriptions where there is more than one option. You must choose only one of the options. Do not type the braces when entering the command.<br>Example: If the command syntax is <code>ldap-server source {external   internal}</code> , you must enter either <code>ldap-server source external</code> or <code>ldap-server source internal</code> , but not both. |

brackets ([ ])	Indicate optional elements in syntax descriptions. Do not type the brackets when entering the command. Example: If the command syntax is <b>show ntp [associations]</b> , you can enter either <b>show ntp</b> or <b>show ntp associations</b> . Example: If the command syntax is <b>default rsvp [token-bucket {depth   rate}]</b> , you can enter <b>default rsvp</b> , <b>default rsvp token-bucket depth</b> , or <b>default rsvp token-bucket rate</b> .
<i>italic text</i>	Indicates new terms, book titles, and variables in command syntax descriptions. Where a variable is two or more words, the words are connected by an underscore. Example: If the command syntax is <b>ping &lt;ip_address&gt;</b> , <i>ip_address</i> is one variable and you substitute one value for it.
plain Courier text	Indicates system output, for example, prompts and system messages. Example: File not found.
separator (>)	Shows menu paths. Example: Choose Status > Health Check.
vertical line (   )	Separates choices for command keywords and arguments. Enter only one of the choices. Do not type the vertical line when entering the command. Example: If the command syntax is <b>terminal paging {off   on}</b> , you enter either <b>terminal paging off</b> or <b>terminal paging on</b> , but not both.

## Related publications

For more information about the Nortel VPN Client, refer to the following publications:

- *Nortel VPN Client — Configuration* (NN46110-509) introduces the client product and provides information about initial setup and configuration.

- *Nortel VPN Client — Installation and Upgrades* (NN46110-412) provides information about required tasks to install and upgrade the Client software.
- *Nortel VPN Router Configuration — Tunnel Guard* (NN46110-307) provides information about configuring and using the Tunnel Guard feature.

## Hard-copy technical manuals

To print selected technical manuals and release notes free, directly from the Internet, go to [www.nortel.com/documentation](http://www.nortel.com/documentation). Find the product for which you need documentation, then locate the specific category and model or version for your hardware or software product. Use Adobe Reader to open the manuals and release notes, search for the sections you need, and print them on most standard printers. For more information about a free copy of the Adobe Reader, go to the Adobe Systems Web site: [www.adobe.com](http://www.adobe.com).





# Chapter 1

## Overview

---

The Nortel VPN Client version 10.04 release includes all software fixes to date.

### Supported platforms

This release provides support to the following Windows Single and Dual processor 32 and 64 bit operating system versions:

- Windows 7: Home Basic, Home Premium, Professional, Enterprise and Ultimate
- Vista: Home Basic, Home Premium, Business, Enterprise, and Ultimate
- XP: Home, Professional, and Tablet

### Domain logon on XP using Two-step login

NVC provides PLAP feature for domain logon on Vista and Windows 7 operating systems. On XP, domain logon is achieved through a Two-Step logon.

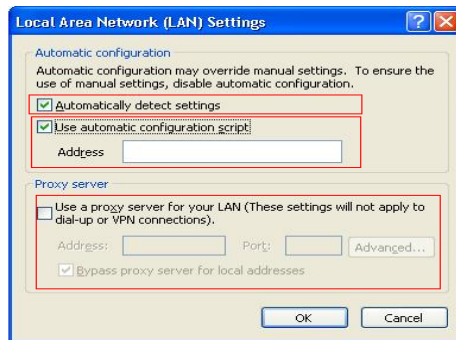
For information about how to login NVC on Windows XP, see *Nortel VPN Client — Configuration* (NN46110-509).

### Automatic proxy detection

Release 10.01 detected only manually configured proxy information in Internet Explorer while 10.04 can also detect:

- Automatic proxy detection using WPAD (Web Proxy Auto discovery Protocol)
- Automatic proxy detection using PAC script files (Proxy Auto Configuration)

**Figure 1** Automatic Proxy Detection



## Mobile Broadband Adapter support

The following issue was fixed in Release 10.04: Windows 7 users can not establish VPN connection over the Mobile Broadband (MB) internet connection, but they can establish VPN connection on the same machine over WLAN connection.

## Chapter 2

# Issues and considerations

This chapter describes issues resolved and considerations that apply to Version 10.04.016 of the Nortel VPN Client.

## Fixes and Enhancements in this Release

The following table lists issues fixed in NVC release 10.04.012

**Table 1** Bugs fixed

Bug	Issue
Q02011571	Profiles can be edited while <code>NoChangeProfile</code> is set to true
Q02046562	Authentication fails in response only software token's new pin mode on Windows Vista
Q01961497-01	Enforcing screen saver password protection causes tunnel disconnection on 64-bit Windows Vista
Q02066665	Using RSA SecureID soft token for IPSec tunneling may cause authentication failure and unexpected exit
Q02036006	Added support of mobile broadband adapter on Windows 7
Q01922730	Added support for shortcut customization
Q01990731-01	Added support for CA certificate of user store
Q01925340	Added support for CRL verification of SSL server certificate
Q02088759	DNS Info is not getting deleted from registry even after an IPSec tunnel is disconnected
Q02087058	Added support for disconnect dialog's customization
Q02082665	DNS functionality is working intermittently
Q02069244	Certificate authentication fails with NVG
Q02065100	SSL tunnel up fails after upgrade install
Q02101997	Some vendors' NAT boxes may cause SSL tunnel time out

**Table 1** Bugs fixed

Bug	Issue
Q02094191	Unable to bring up SSL tunnel with a server certificate that does not have CRL information
Q01778272-02	Added support for proxy auto configuration (PAC)
Q02050715	Added new parameter <code>HideDriverInstallWarningMsg</code> in <code>NvcSetup.ini</code> to control whether to hide the driver install warning messages on XP
Q02035248-01	Added support for installation in system account
Q02056359	File upload slow for IPSec Tunnel on Windows 7 and Vista
Q02118110	On very rare occasions, disconnecting IPSec tunnel may cause BSOD

## Version 10.04 considerations

You must have administration privileges to install the VPN Client and you must copy the Client installation files to a local drive. You can lose network connectivity for a short time during the Client installation, but connectivity returns after the installation. In some instances, this causes problems with running network applications. To avoid any problems, always exit all programs before starting the installation process.

### **Q01887509 — IPsec tunnels send a passive keepalive every 15 seconds**

In order to work around a possible issue with traffic flows timing-out in Microsoft Vista, the client sends passive keepalive packets to the server at an interval of 15 seconds.

## Q01881759 — Long delays at launch

In some cases the launching of the NVC application may take longer than expected. In extreme cases the delay may be two or more minutes. Such a symptom may be due to .NET CRL checking behavior associated with an application that has a Microsoft Authenticode signature. Microsoft has documented this as a known issue with .NET Framework and has made a fix available. You can find more information on .NET at <http://support.microsoft.com/kb/936707>. Note that Nortel provides the necessary exe.config file mentioned in the MS KB article. This file is put into place by the client installation.

## Q01925268 — 10.01 NVC: Inaccurate packet capture with Wireshark

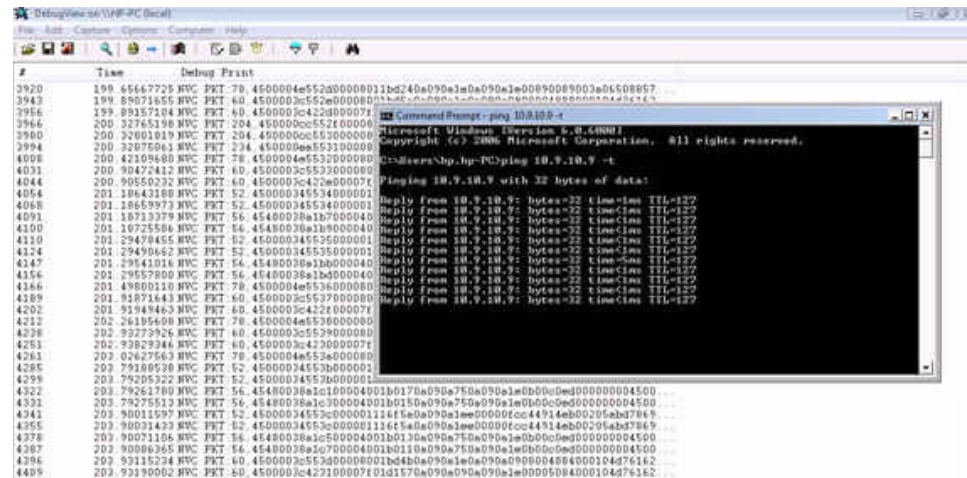
Live packet capture currently not supported with NVC 10.01 client in this release. Use the following workaround using DebugView. Please see the following CR for more details: **Q01927820 — Please enhance the format of clear text packets.**

To capture packets with DebugView and convert the captured file into a .cap file, complete the following:

- 1 From NVC, chose **Edit the profile, Manage Options**, and then check **Enable dumping clear text packets**.
- 2 From your desktop, right-click on DebugView, and open with administrative rights on Vista.
- 3 From the DebugView Filter window, create a filter for NVC PKT. to remove extra information from DebugView, Type **nvc.pkt** into the **Include** box and then click **OK**.
- 4 From DebugView, click **Capture** from the overhead menu, and then select the following options for packet capturing:
  - Capture Win32
  - Capture Kernel
  - Enable Verbose Kernel Output
  - Pass-Through
  - Capture Events

- Bring up the tunnel and start passing data. Logged packets in DebugView appear as shown in the following figure.

Figure 2 DebugView logs



- After capturing enough packets, from DebugView chose **File, Save** to save the log.
- From your desktop, right-click on the NVCPacketParser Utility, and open with administrative rights on Vista. The Packet Parser window appears. From the Packet Parser window, click **File, Open** to open the created log file.
- From Packet Parser, click **File, Convert** to convert the log file into a .cap file.
- You can now use WireShark for opening and analyzing the capture.

## Q0190668 — Application launch: Pre launch is not working for failover profiles.

Application prelaunch is not supported for failover profiles.

## Q02060663 — Other users' profiles won't be uninstalled

Private profiles are stored under each user's private directory. When a user (including system account) uninstall the client, other users' profiles won't be uninstalled.

## **Q02051419 — Modifying an installed NVC is not supported**

Once NVC is installed, it can only be uninstalled or upgraded. The "Modify" option is not supported.

## **Q02106133 — Attempt to bring up SSL tunnel second time through PLAP fails**

In NVC PLAP, if users bring up an SSL tunnel, disconnect it, and then try to connect again, they will get an error of "VPN Adapter activation failed".

## Version 10.04 known anomalies

The following sections describe issues that Nortel has determined to need to be corrected in a future release, but are not fixed in the current release.

### **Q01932592 — PLAP with certificates on smartcards is not functioning correctly**

You cannot use the Prelogon Access Provider (PLAP) functionality in conjunction with digital certificate authentication. For PLAP to work with digital certificates, it requires a smartcard however, at this time, smartcards are not supported with PLAP. When you attempt to make a connection, the error message `Failed to connect to following reason: Authentication failure` appears. You can use digital certificates, including those used with smartcards, for VPN authentication but not with PLAP.

### **Q01934399-01 — Certificate authentication using subj alt name on 10.01 NVC client not working**

When using subject alternative name certificate authentication on release 10.01 NVC, the client software sends only the first character for email and DNS subject alternative name. For ipaddress subject alternative name, an error shows during authentication on the NVR event log.

### **Q01930877 — 10.01 NVC: After the tunnel is down the remote desktop stops working**

After raising a tunnel and then disconnecting it, when you try to connect with the Remote Desktop to the PC, the Remote Desktop stops working.

### **Q01953716 — VPN Client 10.01 when installed with Juniper client causes Blue Screen**

Windows systems with VPN Client version 10.01 and Juniper Odyssey client may experience blue screens. It is not recommended to attempt to host both clients on the same PC. This issue is under investigation by Nortel.



## **Q01955020 — 10.01 NVC: PLAP loading status icon failure**

In rare cases the status icon might not appear automatically if a VPN tunnel is established before the user has logged on to Windows Vista. Start the VPN client manually to make the status icon appear in the system tray.

## **Q01959272 — 10.01 NVC client: Blue screen due to OfficeScan kernel error**

A blue screen of death occurs when you configure the OfficeScan Firewall on a PC. This issue is caused by the kernel stack overflow error when connecting to the Virtual Private Network (VPN). This is known issue documented from Trend Micro web site at <http://esupport.trendmicro.com/support/viewxml.do?ContentID=EN-1036319&id=EN-1036319>. To resolve this, apply the latest patch for OSCE 8.0 and restart your PC.

## **Q01961512 — 10.01 NVC client: ghost tunnel on NVR if NVC tunnel fails (screen saver)**

A ghost tunnel will appear on the NVR if the screen saver password or Client Screen Saver Activation Time fails. This does not happen on clients older than 10.01 because older clients send ISAKMP packets to disconnect and 10.01 does not.

This is present on both 32 bit and 64 bit operating systems.

## **Q01963942 — 10.01 NVC client: GUI does not launch with PLAP after the service is stopped**

The GUI does not launch with PLAP after the PLAP service is stopped.

## **Q02102587— No PIN prompt for SmartCard authentication on Windows 7 and Vista**

On Windows 7 and Vista, certain vendors' smart cards don't pop up PIN prompt when user tries to connect. The client simply goes directly to the Connect status window and will stay there indefinitely. This is because NVC's calling process is a service and those smart cards don't fully support service on Windows 7 and Vista (due to "Session 0 isolation"). So far, we found Aladdin eToken working fine with our client while Gemalto v5.5 and SafeNet iKey 2000/2032 having issues with PIN prompt.

## **Q02066099— Installing v10.x client after uninstalling of a legacy client (pre 10.01) needs a reboot in between**

Before installing a v10.x client (v10.01 and later) on a machine that had a legacy client (pre v10.01) just uninstalled, a reboot must be performed. Otherwise, connecting the newly installed v10.x client may fail with "general system error".

In v10.04 installer, a check has been added to detect the existence of legacy client. If it's detected, a warning message will block the installation and instruct user to uninstall the old client first and then reboot. The warning also reminds users to back up their profiles and configuration before uninstall.

NVC v10.01 installer doesn't have this check. In case users run into the situation that both the legacy client and v10.01 get installed, it's very important to follow procedure below to clean up the machine:

- 1** Uninstall 10.01.
- 2** Reboot the machine.
- 3** Repair the legacy client. Go to Control Panel (set it to classic view)->Programs and Features->right click on the legacy NVC and select Repair.
- 4** Uninstall the legacy NVC.
- 5** Reboot the machine.
- 6** Now, the machine is ready for a new install of v10.04.

## **Restricted product—export license requirement**

This product incorporates encryption technology that is highly restricted and can require an export license from the US Department of Commerce, Bureau of Export Administration, prior to international shipment.

A product that incorporates encryption with a key length up to 56 bits can be eligible for international shipment pursuant to a license exception. However, any product that incorporates encryption technology exceeding 56 bits requires an export license from the US Department of Commerce.

Pursuant to such license, the product can be marketed and sold only to a limited class of international users. Any entity, other than Nortel, that wants to export this product must first obtain license approval from the US Department of Commerce.

Further, the user of this product cannot re-export, transfer, or divert the product to any country to which such re-exports are restricted or embargoed under United States export control laws and regulations, or to any national or resident of such restricted or embargoed countries, or provide the product to any military end user or for any military end use, including the design, development, or production of any chemical, nuclear, or biological weapons.



## Appendix OpenSSL License

---

### **Third Party Terms for VPN Client release 10.01 thru 10.04 (December 2008- February 2010)**

Certain portions of the product ("Open Source Components") are licensed under open source license agreements that require Avaya to make the source code for such Open Source Components available in source code format to its licensees, or that require Avaya to disclose the license terms for such Open Source Components. For a period of three years from your date of purchase of a product containing any of the software listed below from Avaya Inc., any Avaya affiliate or an authorized Avaya reseller, we will provide upon request a complete machine readable copy of the source code for such Open Source Component on a medium customarily used for software interchange for a charge no more than our cost of physically performing source distribution. To get access to the source code, you may contact Avaya at (408) 577-7666.

The Open Source Components are provided "AS IS". ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR THE CONTRIBUTORS OF THE OPEN SOURCE COMPONENTS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THE PRODUCT, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The following component is licensed under the OpenSSL license:

<b>Component</b>	<b>Copyright</b>
openssl	Copyright (C) 1995-1998 Eric Young. All rights reserved. Copyright (c) 1998-2004 The OpenSSL Project. All rights reserved

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit. See below for the actual license texts. Actually both licenses are BSD-style Open Source licenses. In case of any license issues related to OpenSSL please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).

## OpenSSL License

Copyright (c) 1998-2004 The OpenSSL Project. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1** Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- 2** Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- 3** All advertising materials mentioning features or use of this software must display the following acknowledgment:  
  
"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (<http://www.openssl.org/>)"
- 4** The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact [openssl-core@openssl.org](mailto:openssl-core@openssl.org).

- 5 Products derived from this software may not be called "OpenSSL" nor may "OpenSSL" appear in their names without prior written permission of the OpenSSL Project.
- 6 Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<http://www.openssl.org/>)"

THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

=====

This product includes cryptographic software written by Eric Young (eay@cryptsoft.com). This product includes software written by Tim Hudson (tjh@cryptsoft.com).

## Original SSLeay License

Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com) All rights reserved.

This package is an SSL implementation written by Eric Young (eay@cryptsoft.com). The implementation was written so as to conform with Netscapes SSL.

This library is free for commercial and non-commercial use as long as the following conditions are aheared to. The following conditions apply to all code found in this distribution, be it the RC4, RSA, lhash, DES, etc., code; not just the SSL code. The SSL documentation included with this distribution is covered by the same copyright terms except that the holder is Tim Hudson (tjh@cryptsoft.com).

Copyright remains Eric Young's, and as such any Copyright notices in the code are not to be removed. If this package is used in a product, Eric Young should be given attribution as the author of the parts of the library used. This can be in the form of a textual message at program startup or in documentation (online or textual) provided with the package.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1** Redistributions of source code must retain the copyright notice, this list of conditions and the following disclaimer.
- 2** Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/ or other materials provided with the distribution.
- 3** All advertising materials mentioning features or use of this software must display the following acknowledgement:

"This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)"

The word 'cryptographic' can be left out if the routines from the library being used are not cryptographic related :-).



- 4 If you include any Windows specific code (or a derivative thereof) from the apps directory (application code) you must include an acknowledgement:

"This product includes software written by Tim Hudson (tjh@cryptsoft.com)"

THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The licence and distribution terms for any publically available version or derivative of this code cannot be changed. i.e. this code cannot simply be copied and put under another distribution licence [including the GNU Public Licence.]