Alcatel·Lucent

Alcatel-Lucent IPSec Client

IPSec | Release 10.0

RELEASE NOTES

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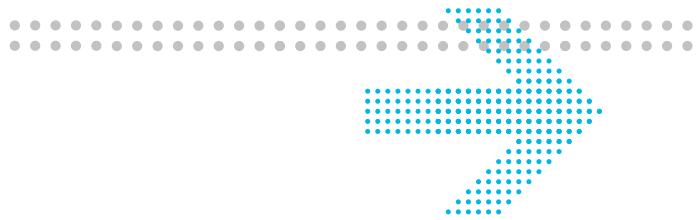
Use the ParagraphBody paragraph tag to place actual content here.

Limited warranty

Alcatel-Lucent provides a limited warranty to this product.

Licenses

The Alcatel-Lucent IPSec Client is distributed and licensed for use under the terms of the END USER PROGRAM LICENSE AND WARRANTY AGREEMENT. After the software is installed, please see the license.txt file located in the IPSec Client folder.

Contents

Contents

About this document

Purpose

This document describes the feature content for Release 10.0 of the Alcatel-Lucent IPSec Client. Included in this document are brief descriptions of new features and enhancements, resolved issues, known issues, event reporting notes, and installation and upgrade notes specific to this release.

Reason for reissue

The following table shows the revision history of this document.

Issue number	Date of issue	Description of changes
1	12/02/2009	First issue of this release notes document.

Conventions used

This document uses the following typographical conventions:

| Appearance	Description
Italicized text	• File and directory names • Emphasized information • Titles of publications • A value that the user supplies
graphic user interface text or key name	• Text that is displayed in a graphical user interface or in a hardware label • The name of a key on the keyboard
`input text`	Command names and text that the user types or selects as input to a system
`output text`	Text that a system displays or prints

Technical support

For technical support, contact your local Alcatel-Lucent customer support team. See the Alcatel-Lucent Support web site **http://alcatel-lucent.com/support/** for contact information.

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How to order

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How to comment

To comment on this document, go to the Online Comment Form (**http://www.infodoc.alcatel-info.com/comments/**) or e-mail your comments to the Comments Hotline (**comments@alcatel-lucent.com**).

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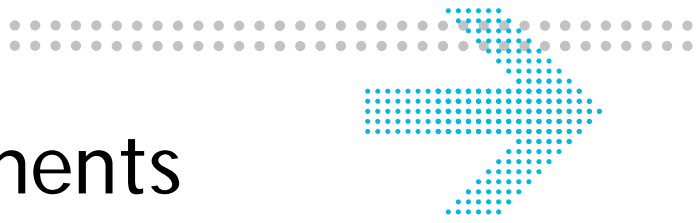
1   Release components

Overview

Purpose

This chapter describes software and documentation deliverables included in this release.

Contents

This chapter covers these topics.

Software deliverables

Alcatel-Lucent IPSec Client Release 10.0 software is delivered on a CD-ROM along with Release Notes.

How to obtain software

For software downloads, please logon to your account at **https://vpn-firewall-brick.alcatel-lucent.com/**.

Document deliverables

Documentation available for this release

For information on installing, using, and troubleshooting IPSec Client, please see the *Alcatel-Lucent IPSec Client User's Guide, Release 10.0, 260-100-026R10.*

Other product documentation

Table 1-1   Alcatel-Lucent Security Management Server (SMS) documentation list

Document ID	Document title
260-100-017R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Administration Guide, Issue 2*
260-100-018R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Installation Guide, Issue 2*
260-100-016R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Policy Guide, Issue 1*
260-100-019R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Reports, Alarms, and Logs, Issue 1*
260-100-022R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Technical Overview, Issue 1*
260-100-020R9.4	*Alcatel-Lucent Security Management Server (SMS) Release 9.4 Tools and Troubleshooting Guide, Issue 2*

To obtain documentation

IPSec Client

Alcatel-Lucent IPSec Client product documentation is available to customers through OnLine Customer Support (OLCS).

To navigate OLCS, do the following:

1. Go to **https://support.alcatel-lucent.com/portal/productIndexByCat.do**.
2. After a successful login, select **VPN Firewall Portfolio** and then select **Lucent IPSec Client**.
3. From the **Documentation and downloads** section, select **Manuals and Guides**.

   Note: IPSec Help is available within the GUI by selecting the **Help** menu option.

Alcatel-Lucent Security Management Server (SMS)

Alcatel-Lucent Security Management Server (SMS) product documentation is available to customers through OnLine Customer Support (OLCS).

To access SMS documentation:

1. Go to **https://services.support.alcatel-lucent.com/services/vpnfirewallbrick/**.

   Note: If you do not already have a service contract account you will be prompted to create an account.
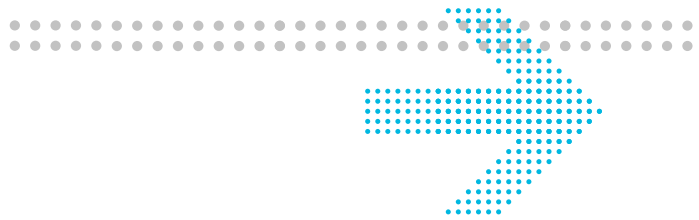
2. Select **Register for Access** on the right hand side of the page.

3. Select **Customer**

4. Select **Yes, I accept the Terms of use**

5. Select **Next**

6. Enter your name and contact information

7. Select **Next**

   Note: The login ID and password is separate from the login ID and password used to access the registration website. The account creation process can take 1 to 12 hours. A temporary login ID and password will be emailed once the account is approved.

To navigate to OLCS:

8. Go to **https://support.alcatel-lucent.com/portal/productIndexByCat.do**.

9. Select **Product Index**

10. Select the alphabetic section for the product or solution for which you require documentation. For example, for VPN Firewall, select **U-Z** and scroll to the **V** section to select **VPN Firewall Brick**.

11. To obtain manuals, select **Manuals and Guides**. To obtain release notes, select **Release Information**.

   Note: Online product manuals are accessible from the SMS GUI.

2   New features

Overview

Purpose

This chapter includes information on the status of tested features and functionality.

Contents

This chapter covers these topics.

New features

The following new feature is included with this release:

Support for Microsoft Vista

IPSec Client now supports Microsoft Vista x86 and Vista x64 platforms.

Heart Beat Protocol enhancement

The heartbeat retry is now a configurable parameter in the SMS, instead of a constant value of 3.

Functionality

No new feature functionality is included with this release.

Enhancements

Event reporting notes enhancement

Certain errors/notifications now include a Reason Code (RC) to denote additional granularity for troubleshooting purposes. The following RCs have been added:

- RC1000 - RC1999 are reported by the LucentIKE service component
- RC2000 - RC2999 are reported by the GUI component
- RC3000 - RC3999 are reported by the tray icon component
- RC4000 - RC4999 are reported by the driver component

Windows built-in firewall compatibility

IPSec Client Release 10.0 is now completely compatible with Windows built-in firewall.
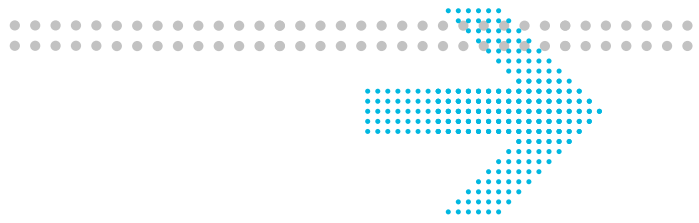
Local network access enhancement

A local network can now be accessed through a secure tunnel.

Support for 3G data cards

IPSec Client Release 10.0 now supports 3G data cards.

Extended support for Diffie-Hellman groups 1, 2, 5, 14, and 15

IPSec Client Release 10.0 now supports Diffie-Hellman groups 1, 2, 5, 14, and 15.

3 Test results

Overview

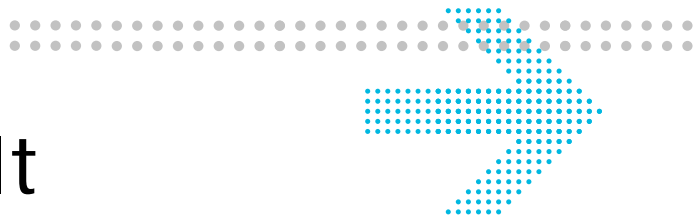### Purpose

This chapter provides information on test results.

Contents

This chapter covers these topics.

Test results

As of 12/02/2009, Release 10.0 has passed testing and has been released for production.

4 Changes to fault management, ports, protocols, and parameters

Overview

Purpose

This chapter describes fault management changes (interfaces, alarms, and messages), port and protocol, and system parameter changes in this release.

Contents

This chapter covers these topics.

Interface changes

Changes to Northbound Interfaces

No northbound interfaces exist.

Changes to Southbound Interfaces

No southbound interfaces exist.

Alarm changes

No alarm changes are included with this release.

Message changes

No message changes are included with this release.
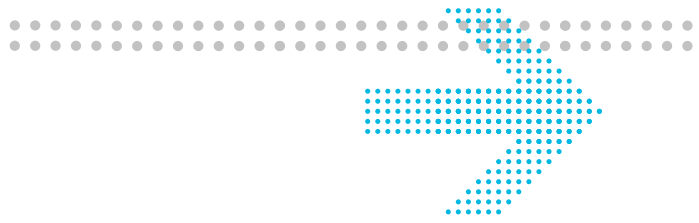
Port changes

No port changes are included with this release.

Protocol changes

No protocol changes are included with this release.

System parameter changes

No system parameter changes are included with this release.

5   Resolved issues

Overview

Purpose

This chapter describes the resolved issues in this release.

Contents

This chapter covers these topics.

Resolved issues	5-1

Resolved issues

No resolved issues are included with this release.

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6   Known issues

Overview

Purpose

This chapter describes known issues and workarounds (if available) for this release.

Contents

This chapter covers these topics.

Known issues and workarounds

Known issues identified for resolution

Table 6-1   Known issues identified for resolution

Fault ID	Title	Description of issue	Workaround
135423	Vista x64 and Vista x86 drivers are Self-Signed.	The drivers for Vista x64 must be either Self-Signed or MS Logo Signed, otherwise, they cannot be installed.	During the installation process, when prompted to install the drivers for Alcatel-Lucent IPSec Network Adapters and Alcatel-Lucent IPSec Network Service both published by Alcatel-Lucent U.S.A. Inc., please select the **Install** button.

Other known issues

Table 6-2   Other known issues

Title	Description of issue	Workaround
IPSec Client cannot co-exist with another VPN client.	IPSec Client does not work if a VPN client from another vendor is installed on the same PC.	Prior to installing IPSec Client, uninstall any existing VPN client from other vendors.
For Windows XP, IPSec Client 10 can not co-exist with Microsoft IPSec Services.	IPSec Client does not work if MS IPSec services is enabled.	Please stop the MS IPSec services and disable it.
For Microsoft Vista, IPSec Client 10 cannot co-exist with Microsoft IKE and AuthIP IPsec Keying Modules service.	IPSec Client does not work if MS IKE and AuthIP IPsec Keying Modules services are enabled.	If MS IKE and AuthIP IPSec Keying Modules services are enabled, please set the MS IKE and AuthIP IPSec Keying Modules services Startup type to either manual or disabled. However, IPSec Client installation will stop them and set them to manual.
IPSec Client for Vista is incompatible with Wireshark.	When IPSec Client for Vista is installed, Wireshark cannot capture the outgoing package.	Try a newer version of Wireshark. Testing was performed on IPSec Client with Wireshark version 1.2.1.
Brick failover caused IKE Rekey message is blocked by Vista Firewall	By default, Windows Firewall blocks Brick initiated IKE Rekey messages and other administrative messages to IPSec Client.	In order to solve the problem, Alcatel-Lucent IPSec Client adds an application rule named **Alcatel-Lucent VPN Policy Manager** to the Windows Firewall during its installation. Please enable this rule.
Without configuring local presence a VPN tunnel cannot be created.	The virtual adapter in IPSec Client 10 cannot use the physical IP address. In Windows, two or more adaptors cannot use the same IP address.	Configure local presence prior to creating an SMS tunnel.
IPSec Client for Windows XP is incompatible with the bridged mode VMware.	When IPSec Client for Windows XP is installed, while VMware is configured as bridged mode, then the VMware guest machine network stops working. This occurs because the Bridged mode VMware and the IPSec Client driver use the same hooks to catch the traffic.	Manually remove the Alcatel-Lucent IPSec bindings from the physical interfaces and reboot the machine.
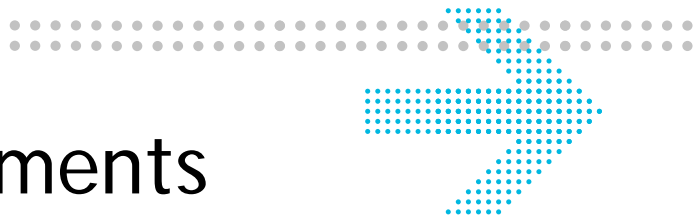
7   System requirements

Overview

Purpose

This chapter describes software and hardware requirements and compatibility restrictions.

Contents

This chapter covers these topics.

Software requirements

Operating System Requirements

The Alcatel-Lucent IPSec Client 10.0 supports the following operating systems:

- Windows XP Professional - SP2
- Windows Vista Business/Enterprise/Ultimate - SP1

Note: To obtain Windows service packs, please contact your administrator or visit Microsoft's web site.

Software licensing keys

To obtain license keys for IPSec Client please contact your sales representative.

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Hardware requirements

Table 7-1   Windows Vista Business, Enterprise, Ultimate minimum requirements

Type	Minimum Requirement
Processor	1 GHz 32-bit (x86) or 64-bit (x64) processor
RAM	1 GB or greater
Fixed Storage	40 GB hard drive with at least 15 GB of available space
Removeable Storage	CD-ROM or DVD Drive
Network Interface	Ethernet Interface Card
Video Card	1024 x 768 x 65,535 color display

Table 7-2   Windows XP Professional minimum requirements

Type	Minimum Requirement
Processor	Pentium II 300 MHz or greater
RAM	64 MB minimum, 128 MB recommended
Fixed Storage	16 MB free hard drive space
Removeable Storage	CD-ROM or DVD Drive
Network Interface	Ethernet Interface Card
Video Card	1024 x 768 x 65,535 color display

Compatibility restrictions

Alcatel-Lucent IPSec Client, Release 10.0 is compatible with the Alcatel-Lucent Security Management Server Release versions 9.2, 9.3, and 9.4.

Third-party or other hardware/software requirements

No third-party or other hardware/software is required for this release.

8   Installation and upgrade notes

Overview

Purpose

This chapter includes installation instructions for the Alcatel-Lucent IPSec Client software.

Contents

This chapter covers these topics.

Performing first-time installation

This section provides instructions on how to install IPSec Client Release 10.0.

Note: Because the Windows Firewall blocks a VPN gateway IKE rekey and other administrative activities messages, IPSec Client adds an application rule to the Windows Firewall exceptions list to allow the VPN gateway Brick to send messages to IPSec Client. During the IPSec Client installation process the user is prompted with the message IPSec Client installation needs to add a rule to Windows Firewall. Click the OK button when this prompt is displayed.

1. To install IPSec Client from the CD-ROM, insert the CD-ROM into the computer's CD-ROM drive and close the door. Installation begins automatically.

    To install IPSec Client from a network drive, locate the file *ipsec-10.0.exe* and then double-click it.

    If you are installing IPSec Client from an intranet web interface, click the link and then respond to the prompts on the screen.

    The first window displayed is the **Choose Destination Location** window, which allows you to select the directory in which the IPSec Client files will be installed. We recommend you accept the default directory.

    Once the installation is complete and your computer restarted, you are ready to begin using the IPSec Client.

2. To install the Alcatel-Lucent IPSec Client from a CD-ROM, insert the disc into the CD-ROM drive of your PC to start the installation. To install the program using a self-extracting .EXE file, double-click on the file to run it. If a previous version of the software is installed, the installation process will detect it and will prompt you to either uninstall the existing version or upgrade to the new version.

Performing upgrades

IPSec Client 10 cannot be upgraded from earlier versions of IPSec Client. Earlier versions of IPSec Client must be manually uninstalled before installing IPSec Client 10.

Upgrade paths

IPSec Client 10 cannot be upgraded from earlier versions of IPSec Client. Earlier versions of IPSec Client must be manually uninstalled before installing IPSec Client 10.

Security hardening

For guidelines on SMS security hardening see Appendix B of the *Alcatel-Lucent Security Management Server (SMS) Release 9.4 Installation Guide*.

Feature activation

No feature activation is required for this release.

Obtaining and installing third-party software

No third-party software is necessary for this release.