

Contents

<b>Introduction .....</b>	<b>2</b>
Download Client .....	2
Operating Systems supported.....	2
<b>Release 4.51 build 001 .....</b>	<b>2</b>
Enhancements .....	2
Bugs Solved .....	2
<b>Release 4.50 build 004 .....</b>	<b>2</b>
Feature .....	2
Bugs Solved .....	2
Known Bugs .....	3
<b>Release 4.50 build 003 .....</b>	<b>3</b>
Bugs Solved .....	3
<b>Release 4.50 build 002 .....</b>	<b>3</b>
Feature .....	3
Enhancements .....	3
Bugs Solved .....	3
<b>Release 4.20 build 009 .....</b>	<b>4</b>
Feature .....	4
Enhancements .....	4
Bugs Solved .....	4
Known Bugs .....	4
<b>Release 4.20 build 006 .....</b>	<b>4</b>
Features .....	5
Bugs Solved .....	5
<b>Release 4.20 build 005 .....</b>	<b>5</b>
Bugs Solved .....	5
<b>Release 4.20 build 004 .....</b>	<b>5</b>
Bugs Solved .....	5
<b>Release 4.20 build 003 .....</b>	<b>5</b>
Bugs Solved .....	5
<b>Release 4.20 build 002 .....</b>	<b>5</b>
Bugs Solved .....	5
<b>Release 4.20 build 001 .....</b>	<b>6</b>
Features .....	6
Enhancements .....	6
Bugs Solved .....	6

## Introduction

This document contains the release notes for Cyberoam IPSec VPN Client version 4.51 build 001. Document includes all the features, improvement, and bug fixes of the release 4.x

## Download Client

[www.cyberoam.com/downloads/vpnclient/CyberoamVPNClient\\_Setup.exe](http://www.cyberoam.com/downloads/vpnclient/CyberoamVPNClient_Setup.exe)

## Operating Systems supported

Win 2000, Win XP, Win Server 2003, Win Vista

## Release 4.51 build 001

Features, enhancements and bug fixes since release 4.50.004

## Enhancements

- To reflect the correct meaning SHA is replaced with SHA-1

## Bugs Solved

- "Add or Replace" option is not displayed when Configuration file is opened Explorer.
- Command line "/import" is not working when importing password protected configuration.
- When both primary and redundant gateways are not available, redundant Gateway does not try to check primary gateway again.
- VPN Configuration lost during upgrade in some Windows configurations.
- Software upgrade not working properly on some of the Windows XP computers.
- Software always prompts for activation in certain circumstances.
- Connection panel might not show an opened tunnel in some VPN Configurations.
- Client crashes in Config-Mode

## Release 4.50 build 004

Features, enhancements and bug fixes since release 4.50.003

## Feature

- Windows Server 2008 support. Cyberoam IPSec VPN Client now supports Windows 2000, Windows XP 32-bit, Windows Server 2003 32-bit, Windows Server 2008 32/64-bit, Windows Vista 32/64-bit.

## Bugs Solved

- No need to take configuration backup before uninstalling client.

## Known Bugs

- On VPN client startup, tunnel does not come up automatically i.e. check box in Phase 2 advanced is ineffective
- Encrypted configuration files cannot be imported when password used for encryption is less than 3 characters.
- Activation fails (auto or manual) in some rare network configuration cases.
- Opening or closing a tunnel from the command line fails in some Windows environments.
- BSOD when powering on a virtual machine in VMware Server 2 environment

## Release 4.50 build 003

Bug fixes since release 4.50.002

## Bugs Solved

- IKE crashes on X-Auth failure
- Upgrade blocked on XP OS when computer is running slowly.

## Release 4.50 build 002

Features, enhancements and bug fixes since release 4.2

## Feature

- Windows Vista 32-bit and 64-bit support
- New Gemalto.Net Two-Factor Authentication Smart Cards certified
- New Token ePass 2000 and ePass 3000 certified

## Enhancements

- Configurable X-Auth login/password popup window display duration
- Extensive help provided on how to move license to other computer on successful software activation.
- Faster 'Save&Apply'.
- Confirmation popup on configuration reset.
- New Publisher Certificate

## Bugs Solved

- Alternate DNS/WINS server addresses are not released when closing the VPN tunnel in some Windows configuration.
- Restore some Windows settings like Vista IKE service and XP PolicyAgent to pre-install values after un-installation the IPSec VPN Client software.
- Change the '?' menu in Chinese language.
- Wrong icon is displayed when VPN Configuration is created with the VPN Configuration Wizard.
- Language codes in all online links are now iso-639-2code compliant.
- Temporary license activation may prohibit the IPSec VPN Client software to start properly.
- White icon on grey background in systray menu.

- Software activation response wrongly parsed generating Activation Error Code 50.
- Not possible to restart IPSec VPN Client software in user mode on Windows XP in certain circumstances after software activation.
- USB drive plug in not detected in some circumstances.
- Phase2 lost link to Phase1 after renaming and in multiple VPN tunnels configuration.
- VPN configuration modification not reflected when switching back and forth to USB mode with specific USB drivers
- Certificate subject truncated to 124 char.
- Phase1 unstable when using Neusoft VPN Gateways.
- Display errors in remaining evaluation days in Chinese
- Display errors in the Italian DLL
- X-Auth password window title displayed the wrong name for Phase 1

## Release 4.20 build 009

Features, enhancements and bug fixes since release 4.20.006

### Feature

- IPV4 Subnet management with Config Mode

### Enhancements

- IPv4 subnet and subnet mask is now handled by the IPSec VPN Client software when sent by the remote gateway in Config Mode exchange
- Reduce Activation Error 50 frequency
- The IPSec VPN Client software switches immediately to the second gateway as soon as the DPD (Dead Peer Detection) detects the first gateway as idle.

### Bugs Solved

- Improper management of Non-latin character paths
- Redundant Gateway switchover time. Now switch over will be immediate
- Removed dependency of booting twice after installation
- Ike crash when debug is on
- Compatibility problems with Windows server 2003
- Error of the number of rest days in the Evaluation window in Chinese version
- Driver mismatch when client is installed on Windows Vista

### Known Bugs

- String display error in the evaluation window for the Chinese release.

## Release 4.20 build 006

Features and bug fixes since release 4.20.005

## Features

- New Console button and GUI menu for restarting IKE service

## Bugs Solved

- Release number correctly managed during the activation process
- Customized bitmaps correctly resized depending on the localization
- Correct management of the "open/close tunnel" button on reset IKE

## Release 4.20 build 005

Bug fixes since release 4.20.004

## Bugs Solved

- Update check not working

## Release 4.20 build 004

Bug fixes since release 4.20.003

## Bugs Solved

- Replace Serbian with Serbian Latin
- Certificates management on Chinese localization

## Release 4.20 build 003

Bug fixes since release 4.20.002

## Bugs Solved

- Phase 2 'open/close tunnel' button not working properly
- Improper management of ANSI/UNICODE characters

## Release 4.20 build 002

Bug fixes since release 4.20.001

## Bugs Solved

- Setup version problems solved
- If activation process results in "Unspecified error", activation window goes blank
- Improper management of Vista drivers

## Release 4.20 build 001

Features, enhancements and bug fixes since release 4.19.003

### Features

- Automatic Activation reset on upgrade or software un-installation
- Configuration of X-Auth popup appearance time enabled in VPN Configuration file. Default time changed to 60 sec.
- Full Unicode software enables Chinese (simplified Chinese) and Japanese localization
- Support to additional 9 languages. TheGreenBow IPsec VPN Client is now available in 16 languages. New localizations for TheGreenBow IPsec VPN Client include: English, French, Portuguese, Spanish, Italian, Dutch, German, Polish, Slovenian, Serbian, Greek, Turkish, Russian, Chinese (simplified), Japanese and Finnish
- Automatic creation of the appropriate rules in the Vista Firewall for enabling IPsec VPN tunnels
- Ability to access a remote LAN from a local network with same IP address schema
- Specify preferred Installation language through a setup command line

### Enhancements

- Use of standard PFS / Diffie-Hellman terminology
- New installation software. This new software installation enables Unicode installation, and improves the upgrade process with only one reboot. Setup is easier with no more setup summary dialog. It also allows to reduce software setup size by half.
- IKE credential disclosure vulnerability fixed
- Improvisations in Spanish localization
- VPN Configurations are signed to maintain content integrity. Integrity check added during VPN Configuration import and export process.
- Required support page will be opened automatically on some activation errors
- Switch process between connection panel and configuration panel is made easy
- Better management of DNS/WINS server address when static (not assigned by DHCP server)
- Application icon is improved to reflect the correct meaning

### Bugs Solved

- At the time of activation, it was not possible to copy and paste the license number in the Activation dialog
- Systray popup takes focus
- Improper Certificates management issues are solved
- It was not possible to take backup of VPN Configuration at the time of software upgrade
- Erratic GUI crashes due to token manipulation
- Activation code was not saved after quitting from the Activation process after upgrade
- Miscellaneous registry key and values fixes