Table of Contents

What’s New........................................................................................................................................3
System Requirements.........................................................................................................................4
Build Version.....................................................................................................................................4
Product Binary Checksums................................................................................................................4
Compatibility .....................................................................................................................................4
IPsec Compliance .............................................................................................................................4
Installation and Upgrade Instructions...............................................................................................5
Known Issues.......................................................................................................................................5
What’s New

Fixes

Problems described in the table below have been fixed since StoneGate IPsec VPN client version 5.0.0. A workaround solution is presented for earlier versions where available.

<table>
<thead>
<tr>
<th>Synopsis</th>
<th>Description</th>
<th>Workaround for previous versions</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCP encapsulation does not work with &quot;Use random local VPN connection ports&quot; option (#49389)</td>
<td>When the &quot;Use random local VPN connection ports&quot; option is selected in the VPN Client, TCP encapsulation does not work.</td>
<td>Deselect the &quot;Use random local VPN connection ports&quot; option on the Advanced tab of the VPN Client Properties.</td>
</tr>
<tr>
<td>Two authentication dialogs may appear (#49787)</td>
<td>Two authentication dialogs may appear if the time on the operating system clock of the computer where the VPN Client is running jumps forward by a large amount.</td>
<td>N/A</td>
</tr>
<tr>
<td>VPN Client may drop some large packets from client through VPN tunnel (#49861)</td>
<td>On Windows Vista systems, the VPN Client may drop some large packets from the client through the VPN tunnel. This may cause TCP connections to freeze.</td>
<td>N/A</td>
</tr>
<tr>
<td>VPN Client may fail to configure the virtual adapter on Vista with dialup connection (#50677)</td>
<td>The VPN Client may fail to configure the virtual adapter on Windows Vista when a dialup connection (for example, a 3G connection) is used to establish network connectivity.</td>
<td>N/A</td>
</tr>
<tr>
<td>VPN Client does not use compression (#50742)</td>
<td>When using VPN Client 5.0.0 with SMC 5.0.0, IPcomp compression is not enabled, even if it is configured for the VPN profile in the SMC.</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Changes Introduced in Version 5.0

Please refer to the Release Notes for version 5.0.0 for information on new features and changes in this software version series.
System Requirements

General Requirements

- Processor: Pentium 4 processor or higher recommended
- Hard disk space: 300 MB of free disk space
- Memory: 512 MB
- Mouse or other pointing device
- SVGA (800x600) display or higher
- IPv4 TCP/IP installed and configured

Operating Systems

- Windows XP 32-bit Professional or Home with Service Pack 2 or Service Pack 3
- Windows Vista 32/64-bit versions, Service Pack 1 or Service Pack 2

Build Version

The StoneGate IPsec VPN client version 5.0.1 build version is 2019.

Product Binary Checksums

<table>
<thead>
<tr>
<th>Description</th>
<th>MD5SUM</th>
<th>SHA1SUM</th>
</tr>
</thead>
<tbody>
<tr>
<td>StoneGate_IPsec_VPN.msi</td>
<td>c98460b7d104acaf0f436e513fb41453</td>
<td>1773784ab1abde3909be099cb82d1c7ad595169d</td>
</tr>
<tr>
<td>StoneGate_IPsec_VPN_5.0.1.2019.exe</td>
<td>88666d5db71716e73126d922ad6396ad</td>
<td>146d7ba8420e0a12b860686761c7ce1a37c05066</td>
</tr>
<tr>
<td>StoneGate_IPsec_VPN_5.0.1.2019_with_NET2.0.exe</td>
<td>8634b70f6ca0b8fe423a0328c34924dc</td>
<td>87f88f819a6715b572f3ae8eb8f2f1cefb4a1707e</td>
</tr>
</tbody>
</table>

Compatibility

StoneGate IPsec VPN client version 5.0.1 is compatible with StoneGate Firewall/VPN version 4.2.0 and later. New algorithms are supported only with Firewall/VPN version 5.0.0 or newer. StoneGate Management Center (SMC) version 4.3.0 or later is required. SMC 5.0.0 or later is required when using client security checks.

IPsec Compliance

StoneGate IPsec VPN client is compliant with the IPsec and IKEv1 standards. StoneGate IPsec VPN client can only be used with a StoneGate Firewall/VPN gateway because of the proprietary automatic configuration.
Installation and Upgrade Instructions

The main installation steps for the StoneGate IPsec VPN client are as follows:

1. If you are running a StoneGate VPN client older than 4.2.0, uninstall that version.
2. Ensure you have administrator privileges (or on Vista, that UAC is enabled) and start the installation by running the setup file.
   - If you are installing on a Windows XP system that does not have the Microsoft .NET Framework version 2.0 or newer installed, select the installation package that also contains the .NET framework.
   - If the StoneGate IPsec VPN client must be installed in silent mode, start the installer from the command line and add options /s /v"/qn" to the command line.
3. Follow the on-screen instructions to complete the installation.
4. Connect to a gateway to get the configuration settings for the VPN client.

The detailed installation instructions can be found in the *StoneGate IPsec VPN Client User's Guide*. For more information on using StoneGate, refer to the Online Help system or the *StoneGate Administrator's Guide* and *Firewall/VPN Reference Guide*.

There have been reports that in some pre-installed Windows Vista systems the junctions to the C:\ProgramData folder have been set up erroneously. StoneGate IPsec VPN client must not be installed on these machines before correcting the junctions to point to the correct folder (C:\ProgramData).

Known Issues

There are currently no known issues for the StoneGate IPsec VPN client.
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