StoneGate IPsec VPN Client

Release Notes for Version 5.2.1

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What’s New

Fixes

Problems described in the table below have been fixed since StoneGate IPsec VPN client version 5.2.0. 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>VPN Client process may crash (#52517)</td>
<td>The VPN Client process may crash if an unexpected error occurs when the configuration is read from a file.</td>
<td>N/A</td>
</tr>
<tr>
<td>VPN Client may fail to establish a connection (#60814)</td>
<td>The VPN Client may fail to establish a connection if the virtual adapter has some old routes that have not been removed.</td>
<td>N/A</td>
</tr>
<tr>
<td>VPN Client may not work correctly if virtual adapter's network overlaps with physical interface's network (#62119)</td>
<td>The VPN Client may not work correctly if the network for the virtual adapter overlaps with the network of the client machine's physical interface. This problem only affects Windows XP.</td>
<td>N/A</td>
</tr>
<tr>
<td>Authentication timeouts longer than 24 hours are not displayed correctly (#62617)</td>
<td>Authentication timeouts that are longer than 24 hours are not displayed correctly for the VPN Client.</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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 3 and .NET framework version 2.0 or newer installed
- Windows Vista 32/64-bit versions, Service Pack 1 or Service Pack 2
- Windows 7 32/64-bit versions

Build Version

The StoneGate IPsec VPN Client version 5.2.1 build version is 2204.

Product Binary Checksums

StoneGate_IPsec_VPN.msi
MD5SUM  49458509ac018f9b6b3f7d8bcbf426cb
SHA1SUM  59b8463fb64a7e1bde368b1fe6d52eab00ce4e87

StoneGate_IPsec_VPN_5.2.1.2204.exe
MD5SUM  7d88733aec95e90b07eee913e0b440cc
SHA1SUM  8bd054fcee812ec46b786e147d5aa6a0cf6aaab8f

Compatibility

StoneGate IPsec VPN Client version 5.2.1 is compatible with StoneGate Firewall/VPN version 4.2.0 and newer. StoneGate Management Center (SMC) version 5.0.0 or newer is required.
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 methods.

Supported Algorithms

StoneGate IPsec VPN Client version 5.2.1 supports the following algorithms:

<table>
<thead>
<tr>
<th>Negotiation Phase</th>
<th>Algorithm</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKE (Phase 1)</td>
<td>Cipher</td>
<td>AES-128, AES-256, 3DES</td>
</tr>
<tr>
<td></td>
<td>Message Digest</td>
<td>MD5, SHA-1, SHA-256</td>
</tr>
<tr>
<td></td>
<td>Diffie-Hellman Groups</td>
<td>2, 5, 14</td>
</tr>
<tr>
<td>IPsec (Phase 2)</td>
<td>Cipher</td>
<td>AES-128, AES-256, AES-GCM, 3DES</td>
</tr>
<tr>
<td></td>
<td>Message Digest</td>
<td>AES-XCBC-MAC , MD5, SHA-1, SHA-256</td>
</tr>
<tr>
<td></td>
<td>Compression</td>
<td>Deflate, None</td>
</tr>
<tr>
<td></td>
<td>Perfect Forward Secrecy (PFS) groups</td>
<td>2, 5, 14</td>
</tr>
</tbody>
</table>

StoneGate IPsec VPN Client version 5.2.1 also supports the following algorithms when CryptoPro Version 3.6.5402 or 3.6.6253 is loaded:

<table>
<thead>
<tr>
<th>Negotiation Phase</th>
<th>Algorithm</th>
<th>Options</th>
</tr>
</thead>
<tbody>
<tr>
<td>IKE (Phase 1)</td>
<td>Cipher</td>
<td>DES, GOST 28147-89</td>
</tr>
<tr>
<td></td>
<td>Message Digest</td>
<td>GOST R34.11</td>
</tr>
<tr>
<td>IPsec (Phase 2)</td>
<td>Cipher</td>
<td>DES, GOST 28147-89</td>
</tr>
<tr>
<td></td>
<td>Message Digest</td>
<td>G28147 IMIT, GOST R34.11</td>
</tr>
</tbody>
</table>
Installation and Upgrade Instructions

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

1. If you are running a StoneGate IPsec VPN Client older than 4.2.0, uninstall that version.

2. Ensure that you have administrator privileges.

3. If you are installing on a Windows XP system that does not have the Microsoft .NET Framework version 2.0 or newer installed, install or update the .NET Framework.

4. Start the installation by running the setup file, or start the installer from the command line and enter the options /s /v"/qn" on the command line if the StoneGate IPsec VPN Client must be installed in silent mode.

5. Follow the on-screen instructions to complete the installation.

6. Connect to a gateway to get the configuration settings for the IPsec 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. For background information on how the StoneGate system works, consult the Management Center Reference Guide and the 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

The current known issues of StoneGate IPsec VPN Client version 5.2.1 are described in the table below. For an updated list of known issues, consult our Web site at http://www.stonesoft.com/support/StoneGate/Known_Issues/.

<table>
<thead>
<tr>
<th>Synopsis</th>
<th>Description</th>
<th>Workaround</th>
</tr>
</thead>
<tbody>
<tr>
<td>VPN client supports up to 256 routes to internal networks (#50845)</td>
<td>If more than 256 routes are configured through the Virtual Adapter in a VPN Site definition, the additional routes are not created, and traffic to those network addresses does not work.</td>
<td>Define the VPN Site in such a way that the number of separate network routes does not grow too high.</td>
</tr>
</tbody>
</table>
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