Release Notes for Version 4.2.0

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What’s New

Features

StoneGate IPsec VPN Client v4.2.0 is a complete re-write of the IPsec VPN client for StoneGate. It has a new native Windows user interface, and has more comprehensive logging, monitoring, and diagnostics features. This version also supports Windows Vista.

The table below provides an overview to the main features of the new version. When upgrading from previous versions, see also the functional changes listed in a separate table.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hybrid and software certificate authentication methods</td>
<td>Hybrid authentication and software certificate based authentication methods are supported.</td>
</tr>
<tr>
<td>Virtual adapter</td>
<td>VPN client can communicate through a VPN using a dynamically assigned virtual IP address as the source address. Firewall acts as a DHCP client on behalf of the VPN client and communicates the information back to VPN client. This enables also connections that originate from the site to which the VPN client is connected.</td>
</tr>
<tr>
<td>Support for NAT-T</td>
<td>Communication through NAT devices can be established according to the NAT-T standard (RFC 3947, RFC 3948).</td>
</tr>
<tr>
<td>Support for TCP encapsulation</td>
<td>TCP encapsulation can in some cases help in establishing VPN connections from networks with limited connectivity.</td>
</tr>
<tr>
<td>Automatic configuration</td>
<td>VPN client configuration is automatically downloaded and updated when the client connects to the gateway.</td>
</tr>
<tr>
<td>VPN multi-link support</td>
<td>The VPN client can utilize StoneGate multi-link VPN technology for added reliability.</td>
</tr>
</tbody>
</table>

Changes

Before upgrading to this version, note these changes that may make the existing 2.6.x version configuration partly incompatible with the new version.

<table>
<thead>
<tr>
<th>Change</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Only software based certificates can be used</td>
<td>The new version only supports user certificates that are loaded from files.</td>
</tr>
<tr>
<td>Client firewall is not included</td>
<td>Standard Windows firewall features must be enabled or third party firewall product must be used to secure the client.</td>
</tr>
<tr>
<td>Windows domain logon is not supported</td>
<td>This version does not support integration with Windows domain logon process.</td>
</tr>
<tr>
<td>Proprietary UDP encapsulation replaced with NAT-T standard</td>
<td>When VPN client communicates through NAT devices, port 4500/UDP must be opened in addition to 500/UDP. Custom ports used by older StoneGate VPN clients (2535/TCP and 2746/UDP) are not used by VPN client version 4.2.0 and newer.</td>
</tr>
<tr>
<td>Authentication client is not included</td>
<td>The new VPN client does not include the Authentication client feature that was bundled with the older VPN client. If the Authentication client is needed, VPN client version 2.6.2 can be installed on the same host if Authentication client only installation is used.</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 any pointing device
- SVGA (800x600) display or higher
- IPv4 TCP/IP installed and configured

Operating Systems

- Windows XP Professional or Home with service pack 2
- Windows Vista Enterprise or Business (no service packs)

Build Version

The StoneGate IPsec VPN Client v4.2.0 build version is 1032.

Compatibility

StoneGate IPsec VPN Client v4.2.0 is compatible with StoneGate Firewall/VPN version 4.2.0 and later.

IPsec Compliance

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

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

1. If you are running 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 StoneGate Administrator's Guide. For background information on how the system works, consult the Reference Guide.

Known Issues

The current known issues of StoneGate IPsec VPN Client v4.2.0 are described in the table below. For an updated list of known issues, consult our Web site at http://www.stonesoft.com/en/support/index.html/.

<table>
<thead>
<tr>
<th>Synopsis</th>
<th>Description</th>
<th>Workaround</th>
</tr>
</thead>
<tbody>
<tr>
<td>Installation may hang</td>
<td>Some third party network security products may cause the VPN client installation to hang.</td>
<td>If installation does not finish after a few minutes, reboot the client machine without network connections and restart the installation of the VPN client.</td>
</tr>
<tr>
<td>VMware bridged interfaces may not work (#37420)</td>
<td>There may be connectivity problems with VMware bridged interfaces when StoneGate IPsec VPN client is installed.</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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