**Configure Agent to use TLS 1.2**

To configure use of the [TLS 1.2](https://docs.microsoft.com/windows-server/security/tls/tls-registry-settings#tls-12) protocol for communication between the Windows agent and the Log Analytics service, you can follow the steps below to enable before the agent is installed on the virtual machine or afterwards.

1. Locate the following registry subkey: **HKEY\_LOCAL\_MACHINE\System\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols**
2. Create a subkey under **Protocols** for TLS 1.2 **HKLM\System\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2**
3. Create a **Client** subkey under the TLS 1.2 protocol version subkey you created earlier. For example, **HKLM\System\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Client**.
4. Create the following DWORD values under **HKLM\System\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols\TLS 1.2\Client**:
   * **Enabled** [Value = 1]
   * **DisabledByDefault** [Value = 0]

Configure .NET Framework 4.6 or later to support secure cryptography, as by default it is disabled. The [strong cryptography](https://docs.microsoft.com/dotnet/framework/network-programming/tls#schusestrongcrypto) uses more secure network protocols like TLS 1.2, and blocks protocols that are not secure.

1. Locate the following registry subkey: **HKEY\_LOCAL\_MACHINE\SOFTWARE\Microsoft\.NETFramework\v4.0.30319**.
2. Create the DWORD value **SchUseStrongCrypto** under this subkey with a value of **1**.
3. Locate the following registry subkey: **HKEY\_LOCAL\_MACHINE\SOFTWARE\WOW6432Node\Microsoft\.NETFramework\v4.0.30319**.
4. Create the DWORD value **SchUseStrongCrypto** under this subkey with a value of **1**.
5. Restart the system for the settings to take effect.