How to enable the Transport Layer Security (TLS) protocol versions 1.1 and 1.2 for use with Kofax TotalAgility 7.x

Question / Problem:

How to enable the Transport Layer Security (TLS) protocol versions 1.1 and 1.2 for use with Kofax TotalAgility 7.x.

Answer / Solution:

Due to known security vulnerabilities in older versions of the Secure Sockets Layer (SSL) and TLS protocols, the newer TLS protocol versions 1.1 and/or 1.2 should be used to secure KTA 7.x HTTPS communications.

To enable TLS 1.1 and 1.2 on each KFS server:

1. Execute `regedit.exe`
2. Navigate to HKLM\SYSTEM\CurrentControlSet\Control\SecurityProviders\SCHANNEL\Protocols
3. Create a new Key named TLS 1.2 if one does not already exist.
4. In the TLS 1.2 Key, create a subkey named Server.
5. In the Server Key, create a DWORD (32-bit) Value named DisabledByDefault.
6. Set the DisabledByDefault value to 0.
7. In the Server Key, create a DWORD (32-bit) Value named Enabled.
8. Set the Enabled value to 1.
9. In the TLS 1.2 Key, create a subkey named Client.
10. In the Client Key, create a DWORD (32-bit) Value named DisabledByDefault.
11. Set the DisabledByDefault value to 0.
12. In the Client Key, create a DWORD (32-bit) Value named Enabled.
13. Set the Enabled value to 1.
14. Navigate back to the Protocols Key.
15. Create a new Key named TLS 1.1 if one does not already exist.
16. In the TLS 1.1 Key, create a subkey named Server.
17. In the Server Key, create a DWORD (32-bit) Value named DisabledByDefault.
18. Set the `DisabledByDefault` value to 0.
19. In the Server Key, create a DWORD (32-bit) Value named `Enabled`.
20. Set the `Enabled` value to 1.
21. In the TLS 1.1 Key, create a subkey named Client.
22. In the Client Key, create a DWORD (32-bit) Value named `DisabledByDefault`.
23. Set the `DisabledByDefault` value to 0.
24. In the Client Key, create a DWORD (32-bit) Value named `Enabled`.
25. Set the `Enabled` value to 1.
26. Reboot the server.

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**Applies to:**

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