

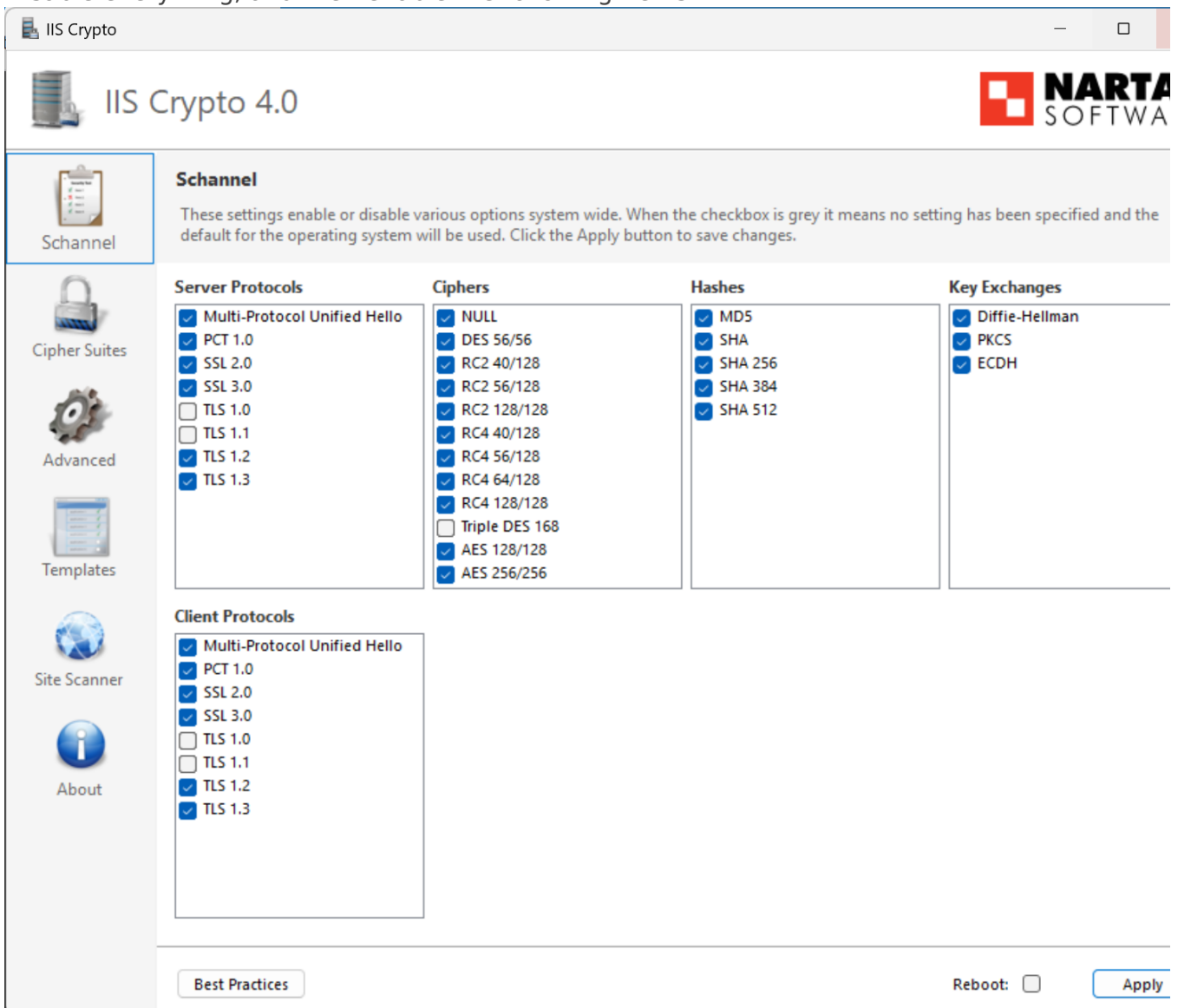
Disable old (unsecure) IIS protocols

It is highly recommended to disable old protocols like

- TLS 1.0
- TLS 1.1
- 3DES

How to do this

1. Download *IIS Crypto* developed by *Nartac Software*:
<https://www.nartac.com/Products/IISCrypto>
2. Start IIS Crypto as Administrator
3. Disable everything, and then enable the following items:



The screenshot shows the IIS Crypto 4.0 application window. The interface includes a sidebar with navigation options: Schannel, Cipher Suites, Advanced, Templates, Site Scanner, and About. The main area is titled 'Schannel' and contains a description: 'These settings enable or disable various options system wide. When the checkbox is grey it means no setting has been specified and the default for the operating system will be used. Click the Apply button to save changes.'

The settings are organized into four columns:

- Server Protocols:** Multi-Protocol Unified Hello (checked), PCT 1.0 (checked), SSL 2.0 (checked), SSL 3.0 (checked), TLS 1.0 (unchecked), TLS 1.1 (unchecked), TLS 1.2 (checked), TLS 1.3 (checked).
- Client Protocols:** Multi-Protocol Unified Hello (checked), PCT 1.0 (checked), SSL 2.0 (checked), SSL 3.0 (checked), TLS 1.0 (unchecked), TLS 1.1 (unchecked), TLS 1.2 (checked), TLS 1.3 (checked).
- Ciphers:** NULL (checked), DES 56/56 (checked), RC2 40/128 (checked), RC2 56/128 (checked), RC2 128/128 (checked), RC4 40/128 (checked), RC4 56/128 (checked), RC4 64/128 (checked), RC4 128/128 (checked), Triple DES 168 (unchecked), AES 128/128 (checked), AES 256/256 (checked).
- Hashes:** MD5 (checked), SHA (checked), SHA 256 (checked), SHA 384 (checked), SHA 512 (checked).
- Key Exchanges:** Diffie-Hellman (checked), PKCS (checked), ECDH (checked).

At the bottom of the window, there is a 'Best Practices' button, a 'Reboot:' checkbox (unchecked), and an 'Apply' button.

4. Press **Apply**
5. Restart the PC (best practice) or restart IIS.

TIP: check your MXSuite website via the Site Scanner option

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