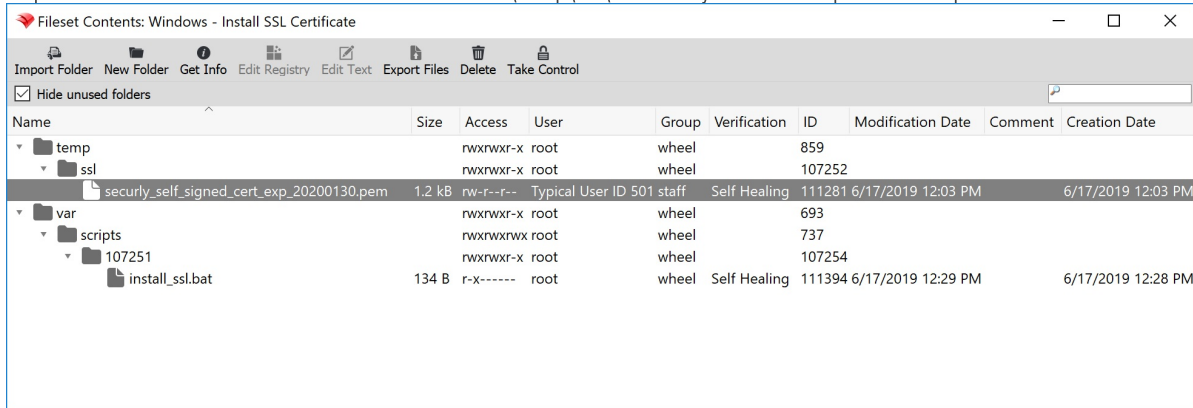


Deploy SSL Certificates (Windows)

Deploy SSL certificates to Windows "Trusted Root Certification Authorities" certificate store for use in secure services such as web content filters.

Step-by-step guide

- Download, unzip, and import the following Fileset Template into FileWave Central - [Windows - Install SSL Certificate.fileset.zip](#)
- Import the desired SSL certificate into the Fileset's "\\temp\\ssl\\" directory and delete "placeholder.pem".



- Select the "install_ssl.bat" file, click "Edit Text", and replace "placeholder.pem" with the full file name of the newly uploaded certificate.



- This script will add the desired SSL certificate to the Windows "Trusted Root Certification Authorities" certificate store for both the Local Machine (-enterprise) and the Current User (-user).

- Associate and deploy the Fileset to a test machine and verify the installation on the Windows machine.
 - Open "certlm.msc" for the Local Machine (-enterprise) Certificate Store or "certmgr.msc" for the Current User (-user) Certificate Store via Windows Run dialog (Win + R) or Command Prompt.
 - Navigate to "Trusted Root Certification Authorities>Certificates" and verify the name of the newly added certificate.

certlm - [Certificates - Local Computer\Trusted Root Certification Authorities\Certificates]

FileActionViewHelp

Certificates - Local Computer

Personal

Trusted Root Certification Authorities

Certificates

Enterprise Trust

Intermediate Certification Authorities

Trusted Publishers

Untrusted Certificates

Third-Party Root Certification Authorities

Trusted People

Client Authentication Issuers

Preview Build Roots

eSIM Certification Authorities

Homegroup Machine Certificates

Local NonRemovable Certificates

Smart Card Trusted Roots

Trusted Devices

Windows Live ID Token Issuer

| Issued To | Issued By | Expiration Date | Intended Purposes | Friendly Name | Status | Certificate Tem... |
|--|--|-----------------|--------------------------|---------------------------|--------|--------------------|
| *.securlly.com | *.securlly.com | 1/30/2020 | <All> | <None> | | |
| AddTrust External CA Root | AddTrust External CA Root | 5/30/2020 | Server Authentication... | Sectigo (AddTrust) | | |
| Baltimore CyberTrust Root | Baltimore CyberTrust Root | 5/12/2025 | Server Authentication... | DigiCert Baltimore R... | | |
| Class 3 Public Primary Certificati... | Class 3 Public Primary Certification ... | 8/1/2028 | Server Authentication... | VeriSign Class 3 Pub... | | |
| COMODO RSA Certification Aut... | COMODO RSA Certification Autho... | 1/18/2038 | Server Authentication... | Sectigo (formerly Co... | | |
| Copyright (c) 1997 Microsoft Corp. | Copyright (c) 1997 Microsoft Corp. | 12/30/1999 | Time Stamping | Microsoft Timestam... | | |
| DigiCert Assured ID Root CA | DigiCert Assured ID Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DigiCert Global Root CA | DigiCert Global Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DigiCert High Assurance EV Roo... | DigiCert High Assurance EV Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DST Root CA X3 | DST Root CA X3 | 9/30/2021 | Secure Email, Server ... | DST Root CA X3 | | |
| GlobalSign | GlobalSign | 12/15/2021 | Server Authentication... | Google Trust Service... | | |
| GlobalSign Root CA | GlobalSign Root CA | 1/28/2028 | Server Authentication... | GlobalSign Root CA ... | | |
| Go Daddy Class 2 Certification A... | Go Daddy Class 2 Certification Aut... | 6/29/2034 | Server Authentication... | Go Daddy Class 2 C... | | |
| Hotspot 2.0 Trust Root CA - 03 | Hotspot 2.0 Trust Root CA - 03 | 12/8/2043 | Server Authentication... | Hotspot 2.0 Trust Ro... | | |
| Microsoft Authenticode(tm) Roo... | Microsoft Authenticode(tm) Root ... | 12/31/1999 | Secure Email, Code ... | Microsoft Authentic... | | |
| Microsoft ECC Product Root Cert... | Microsoft ECC Product Root Certifi... | 2/27/2043 | <All> | Microsoft ECC Prod... | | |
| Microsoft Root Authority | Microsoft Root Authority | 12/31/2020 | <All> | Microsoft Root Aut... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authority | 5/9/2021 | <All> | Microsoft Root Certi... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authorit... | 6/23/2035 | <All> | Microsoft Root Certi... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authorit... | 3/22/2036 | <All> | Microsoft Root Certi... | | |
| NO LIABILITY ACCEPTED, (c)97 Veri... | NO LIABILITY ACCEPTED, (c)97 Veri... | 1/7/2004 | Time Stamping | VeriSign Time Stam... | | |
| Starfield Class 2 Certification Aut... | Starfield Class 2 Certification Auth... | 6/29/2034 | Server Authentication... | Starfield Class 2 Cert... | | |
| Symantec Enterprise Mobile Ro... | Symantec Enterprise Mobile Root f... | 3/14/2032 | Code Signing | <None> | | |
| Thawte Premium Server CA | Thawte Premium Server CA | 12/31/2020 | Server Authentication... | thawte | | |
| thawte Primary Root CA | thawte Primary Root CA | 7/16/2036 | Server Authentication... | thawte | | |
| Thawte Timestamping CA | Thawte Timestamping CA | 12/31/2020 | Time Stamping | Thawte Timestampli... | | |
| USB\VID_1A86&PID_5512 (libwdi ... | USB\VID_1A86&PID_5512 (libwdi a... | 12/31/2028 | Code Signing | libwdi | | |
| UTN-USERFirst-Object | UTN-USERFirst-Object | 7/9/2019 | Encrypting File Syst... | Sectigo (UTN Object) | | |
| VeriSign Class 3 Public Primary C... | VeriSign Class 3 Public Primary Cert... | 7/16/2036 | Server Authentication... | VeriSign | | |
| VeriSign Universal Root Certifica... | VeriSign Universal Root Certificatio... | 12/1/2037 | Server Authentication... | VeriSign Universal R... | | |

Trusted Root Certification Authorities store contains 30 certificates.

certmgr - [Certificates - Current User\Trusted Root Certification Authorities\Certificates]

FileActionViewHelp

Certificates - Current User

Personal

Trusted Root Certification Authorities

Certificates

Enterprise Trust

Intermediate Certification Authorities

Active Directory User Object

Trusted Publishers

Untrusted Certificates

Third-Party Root Certification Authorities

Trusted People

Client Authentication Issuers

Other People

Local NonRemovable Certificates

Smart Card Trusted Roots

| Issued To | Issued By | Expiration Date | Intended Purposes | Friendly Name | Status | Certificate Tem... |
|--|--|-----------------|--------------------------|---------------------------|--------|--------------------|
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| Baltimore CyberTrust Root | Baltimore CyberTrust Root | 5/12/2025 | Server Authentication... | DigiCert Baltimore R... | | |
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| COMODO RSA Certification Aut... | COMODO RSA Certification Autho... | 1/18/2038 | Server Authentication... | Sectigo (formerly Co... | | |
| Copyright (c) 1997 Microsoft Corp. | Copyright (c) 1997 Microsoft Corp. | 12/30/1999 | Time Stamping | Microsoft Timestam... | | |
| DigiCert Assured ID Root CA | DigiCert Assured ID Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DigiCert Global Root CA | DigiCert Global Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DigiCert High Assurance EV Roo... | DigiCert High Assurance EV Root CA | 11/9/2031 | Server Authentication... | DigiCert | | |
| DST Root CA X3 | DST Root CA X3 | 9/30/2021 | Secure Email, Server ... | DST Root CA X3 | | |
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| Microsoft Authenticode(tm) Roo... | Microsoft Authenticode(tm) Root ... | 12/31/1999 | Secure Email, Code ... | Microsoft Authentic... | | |
| Microsoft ECC Product Root Cert... | Microsoft ECC Product Root Certifi... | 2/27/2043 | <All> | Microsoft ECC Prod... | | |
| Microsoft Root Authority | Microsoft Root Authority | 12/31/2020 | <All> | Microsoft Root Aut... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authority | 5/9/2021 | <All> | Microsoft Root Certi... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authorit... | 6/23/2035 | <All> | Microsoft Root Certi... | | |
| Microsoft Root Certificate Autho... | Microsoft Root Certificate Authorit... | 3/22/2036 | <All> | Microsoft Root Certi... | | |
| NO LIABILITY ACCEPTED, (c)97 Veri... | NO LIABILITY ACCEPTED, (c)97 Veri... | 1/7/2004 | Time Stamping | VeriSign Time Stam... | | |
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| Symantec Enterprise Mobile Ro... | Symantec Enterprise Mobile Root f... | 3/14/2032 | Code Signing | <None> | | |
| Thawte Premium Server CA | Thawte Premium Server CA | 12/31/2020 | Server Authentication... | thawte | | |
| thawte Primary Root CA | thawte Primary Root CA | 7/16/2036 | Server Authentication... | thawte | | |
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| VeriSign Class 3 Public Primary C... | VeriSign Class 3 Public Primary Cert... | 7/16/2036 | Server Authentication... | VeriSign | | |
| VeriSign Universal Root Certifica... | VeriSign Universal Root Certificatio... | 12/1/2037 | Server Authentication... | VeriSign Universal R... | | |

Trusted Root Certification Authorities store contains 30 certificates.

Additional Information
More information and options for the "certutil" program can be found on [Microsoft Docs](#).

Related articles

- [APNs Certificate Creation & Renewal on Windows Computers](#)

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