



Pulse Secure Client

Client-Side Changes Guide

Files and Registry Settings

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Pulse Secure Client Guide for Client-Side Changes and Files and Registry Settings

The information in this document is current as of the date on the title

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Revision History

The following table lists the revision history for this document.

Revision	Date	Description
1.1	January 2020	Updated Pulse Secure Client Files for macOS section.
1.0	April 2019	Updated Pulse Secure Client for Windows Registry Settings section.

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- Product warranties—For product warranty information, visit <https://www.pulsesecure.net>
- Find product documentation: <https://www.pulsesecure.net/techpubs/>
- Find solutions and answer questions using our Knowledge Base: <https://www.pulsesecure.net/support>

Opening a Case with PSGSC

You can open a case with PSGSC on the Web or by telephone.

- Use the Case Management tool in the PSGSC at <https://www.pulsesecure.net/support>.
- Call Phone: 1-844-751-7629 (Toll Free, US).

For international or direct-dial options in countries without toll-free numbers, see <https://www.pulsesecure.net/support>


PART 1

- Pulse Secure Client Files for Windows 7, Windows 8 and Windows 10
- Pulse Secure Client for Windows Registry Settings
- Pulse Secure Client Files for Mac OSX

Overview

This document lists the files that are installed on a client machine as part of a Pulse Secure client installation, and the registry changes that are made on a Windows endpoint.

Pulse Secure Client Files for Windows 7, Windows 8 and Windows 10

 **Note:** The Pulse Secure for Windows installer creates/uses the "C:\windows\winsxs\InstallTemp" directory. If an access-control list prevents the installer from creating/accessing a directory with this name, then the Pulse installation will fail.

The following file list is from Pulse Secure 5.2 R1 on Windows 8.1, 64-bit. On 32-bit installations, the files listed here in Program Files (x86) would be in the same location but without '(x86)' in the path.

```
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprns\jnprns.cat
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprns\jnprns.inf
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprns\jnprns.sys
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprva\jnprva.cat
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprva\jnprva.inf
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprva\jnprva.sys
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprvamgr\jnprvamgr.cat
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprvamgr\jnprvamgr.inf
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprvamgr\jnprvamgr.sys
C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\nsstatsdump.exe
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\8021xAccessMethod.dll
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\8021xAccessMethodPS.dll
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\8021xAccessMethodPS64.dll
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\JNPRTtlsProvider.dll
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_DE.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_EN.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_ES.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_FR.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_IT.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_JA.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_KO.txt
C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\MessageCatalog8021xAM_PL.txt
```

C:\Program Files (x86)\Common Files\Pulse
Secure\8021xAccessMethod\MessageCatalog8021xAM_ZH.txt

C:\Program Files (x86)\Common Files\Pulse
Secure\8021xAccessMethod\MessageCatalog8021xAM_ZH-CN.txt

C:\Program Files (x86)\Common Files\Pulse
Secure\8021xAccessMethod\WiredAccessMethod.dll

C:\Program Files (x86)\Common Files\Pulse
Secure\8021xAccessMethod\WirelessAccessMethod.dll

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\ConnectionManagerService.dll

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_DE.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_EN.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_ES.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_FR.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_IT.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_JA.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_KO.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_PL.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_ZH.txt

C:\Program Files (x86)\Common Files\Pulse Secure\Connection
Manager\MessageCatalogConnMgr_ZH-CN.txt

C:\Program Files (x86)\Common Files\Pulse
Secure\ConnectionStore\ConnectionStoreService.dll

C:\Program Files (x86)\Common Files\Pulse
Secure\ConnectionStore\ConnectionStoreServicePS.dll

C:\Program Files (x86)\Common Files\Pulse Secure\ConnectionStore\dcfDOM.dll

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\eapService.dll

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_DE.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_EN.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_ES.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_FR.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_IT.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_JA.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_KO.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_PL.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_ZH.txt

C:\Program Files (x86)\Common Files\Pulse Secure\eapService\MessageCatalogEapAM_ZH-
CN.txt

C:\Program Files (x86)\Common Files\Pulse
Secure\Integration\integrationAccessMethod.dll

C:\Program Files (x86)\Common Files\Pulse

Secure\Integration\IntegrationAccessMethodPS.dll
C:\Program Files (x86)\Common Files\Pulse
Secure\Integration\IntegrationAccessMethodPS64.dll
C:\Program Files (x86)\Common Files\Pulse
Secure\Integration\MessageCatalogIntegrationAM_DE.txt
C:\Program Files (x86)\Common Files\Pulse
Secure\Integration\MessageCatalogIntegrationAM_EN.txt
C:\Program Files (x86)\Common Files\Pulse
Secure\Integration\MessageCatalogIntegrationAM_ES.txt
C:\Program Files (x86)\Common Files\Pulse
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Secure\Integration\MessageCatalogIntegrationAM_ZH.txt
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Secure\Integration\MessageCatalogIntegrationAM_ZH-CN.txt
C:\Program Files (x86)\Common Files\Pulse Secure\Integration\pulse.dll
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\DialogManager64.dll
C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\DE\4296_sm.jpg
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\DE\plus.gif
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\DE\searchindex.js
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH\access-control-connect-client-jtac-contacting.html
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH\access-control-connect-client-log-files.html
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client-remediation-info-viewing.html

C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH\access-control-connect-client-solve-connection-issue.html

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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH\access-control-connect-client-whatispulse.html

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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH-CN\access-control-connect-client-auto-cnct-managing.html
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C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH-CN\howdoi.html
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C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\OPSWAT\tables.dat

C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\OPSWAT\UnifiedSDK.ini

C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\OPSWAT\vmap.dat

C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\OpswatIMC.dll

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C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\tnc_config

C:\Program Files (x86)\Common Files\Pulse Secure\Tunnel Manager\dsTMCClient.dll

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C:\Program Files (x86)\Common Files\Pulse Secure\Tunnel Manager\dsTMServicePS.dll

C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_DE.txt

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C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_FR.txt

C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_IT.txt

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C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_KO.txt

C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_PL.txt

C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\MessageCatalogVpnAM_ZH.txt

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C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\vpnAccessMethod.dll

C:\Program Files (x86)\Pulse Secure\Pulse\AllEvents.man

C:\Program Files (x86)\Pulse Secure\Pulse\EventsRes.dll

C:\Program Files (x86)\Pulse Secure\Pulse\PSSetupClientInstaller.exe

C:\Program Files (x86)\Pulse Secure\Pulse\PulseHelper.exe

C:\Program Files (x86)\Pulse Secure\Pulse\PulseUninstall.exe

C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Pulse Secure\Pulse Secure.lnk

C:\ProgramData\Pulse Secure\ConnectionStore\connstore.dat

C:\ProgramData\Pulse Secure\ConnectionStore\S-1-5-18.dat

C:\ProgramData\Pulse Secure\Logging\debuglog.log

C:\Users\\AppData\Local\Pulse Secure\Logging\debuglog.log

C:\Users\\AppData\Roaming\Pulse Secure\Setup Client\dsmmf.exe

C:\Users\C:\Windows\Downloaded Program Files\install.log
C:\Windows\Downloaded Program Files\PulseExt.exe
C:\Windows\Downloaded Program Files\PulseExt64.exe
C:\Windows\Downloaded Program Files\PulseSetupClient.inf
C:\Windows\Downloaded Program Files\PulseSetupClient.ocx
C:\Windows\Downloaded Program Files\PulseSetupClient64.inf
C:\Windows\Downloaded Program Files\PulseSetupClient64.ocx
C:\Windows\Downloaded Program Files\PulseSetupClientCtrlUninstaller.exe
C:\Windows\Downloaded Program Files\PulseSetupClientCtrlUninstaller64.exe
C:\Windows\winsxs\amd64_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_none_c905be8887838ff2\amd64_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.762_x-ww_9d1c6ce0.cat
C:\Windows\winsxs\amd64_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_none_c905be8887838ff2\amd64_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.762_x-ww_9d1c6ce0.manifest
C:\Windows\winsxs\amd64_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_none_c905be8887838ff2\msvc80.dll
C:\Windows\winsxs\amd64_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_none_c905be8887838ff2\msvc80.dll
C:\Windows\winsxs\amd64_microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_none_c905be8887838ff2\msvcr80.dll

C:\Windows\winsxs\amd64_policy.8.0.microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_one_49e66f4952a1b53b\8.0.50727.762.cat

C:\Windows\winsxs\amd64_policy.8.0.microsoft.vc80.crt_1fc8b3b9a1e18e3b_8.0.50727.762_one_49e66f4952a1b53b\8.0.50727.762.manifest

C:\Windows\winsxs\Manifests\amd64_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.762_x-ww_9d1c6ce0.cat

C:\Windows\winsxs\Manifests\amd64_Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_8.0.50727.762_x-ww_9d1c6ce0.manifest

C:\Windows\winsxs\Policies\amd64_policy.8.0.Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_x-ww_d780e993\8.0.50727.762.cat

C:\Windows\winsxs\Policies\amd64_policy.8.0.Microsoft.VC80.CRT_1fc8b3b9a1e18e3b_x-ww_d780e993\8.0.50727.762.policy

C:\Windows\System32\DRVSTORE\jnprns_260C6334D987C71B41EC39304CE4AE75D6794E54\jnprns.cat

C:\Windows\System32\DRVSTORE\jnprns_260C6334D987C71B41EC39304CE4AE75D6794E54\jnprns.inf

C:\Windows\System32\DRVSTORE\jnprns_260C6334D987C71B41EC39304CE4AE75D6794E54\jnprns.sys

C:\Windows\System32\drivers\jnprns.sys

C:\Windows\System32\drivers\jnprTdi_821_227.sys

C:\Windows\System32\drivers\jnprva.sys

C:\Windows\System32\drivers\jnprvamgr.sys

Pulse Secure Client for Windows Registry Settings

The following file list is from Pulse 5.2 R1 on Windows 8.1, 64 bit. On 32 bit installation, items listed here in the Wow6432Node would be in the same location, but without Wow6432Node in their path.

```
[HKEY_CLASSES_ROOT\AppID\{199107A0-804E-4743-9954-CC192799773E}]  
"LocalService"="PulseSecureService"
```

```
[HKEY_CLASSES_ROOT\AppID\{298CA817-0F85-47A8-8684-9652A2011238}]  
@="PulseSetupClient"
```

```
[HKEY_CLASSES_ROOT\AppID\{59912E29-D400-44B0-B06F-FB3055128913}]  
@="PulseSecureServicePS"
```

```
[HKEY_CLASSES_ROOT\AppID\{F0F68EE4-3331-424A-BED2-3B8E561275A5}]  
@="pulseATLSetupCtrl64"
```

```
[HKEY_CLASSES_ROOT\AppID\pulseATLSetupCtrl64.DLL]  
"AppID"="{F0F68EE4-3331-424A-BED2-3B8E561275A5}"
```

```
[HKEY_CLASSES_ROOT\AppID\PulseSecureService.exe]  
"AppID"="{199107A0-804E-4743-9954-CC192799773E}"
```

```
[HKEY_CLASSES_ROOT\AppID\PulseSecureServicePS.dll]  
"AppID"="{59912E29-D400-44b0-B06F-FB3055128913}"
```

```
[HKEY_CLASSES_ROOT\AppID\PulseSetupClient.ocx]  
"AppID"="{298CA817-0F85-47A8-8684-9652A2011238}"
```

```
[HKEY_CLASSES_ROOT\CLSID\{0686490E-1C1B-49BB-99C8-4159B0387278}]  
@="PSFactoryBuffer"
```

```
[HKEY_CLASSES_ROOT\CLSID\{0686490E-1C1B-49BB-99C8-4159B0387278}\InProcServer32]  
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\uiPromptPluginPS64.dll"  
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{3884BCAA-C611-4e2d-9105-E11B1203294E}]  
@="Pulse Secure SSO Credential Provider Filter Class"
```

```
[HKEY_CLASSES_ROOT\CLSID\{3884BCAA-C611-4e2d-9105-E11B1203294E}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv64.dll"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\CLSID\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}]
@="Pulse Secure SSO OneX Password Credential Provider Class"
```

```
[HKEY_CLASSES_ROOT\CLSID\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv64.dll"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\CLSID\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}]
@="Pulse Secure SSO Password Credential Provider Class"
```

```
[HKEY_CLASSES_ROOT\CLSID\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv64.dll"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}]
@="PulseSetupClientControl64 Class"
"AppID"="{F0F68EE4-3331-424A-BED2-3B8E561275A5}"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\Control]
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\InprocServer32]
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient64.ocx"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\MiscStatus]
@="0"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\MiscStatus\1]
@="131473"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\ProgID]
@="dsATLSetupCtrl64.PulseSetupClientCo.1"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\Programmable]
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\ToolboxBitmap32]
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient64.ocx, 102"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\TypeLib]
@="{CDF36C56-A2F1-452a-BD29-F4E43C987EF3}"
```

```
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\Version]
@="1.0"
[HKEY_CLASSES_ROOT\CLSID\{583C990C-2D38-410c-9A4A-0932D66A754F}\VersionIndependentProgID]
@="dsATLSetupCtrl64.PulseSetupClientCont"
```

```
[HKEY_CLASSES_ROOT\CLSID\{635FAC2C-87DF-42CA-9630-301697829BF2}]
@="PSFactoryBuffer"
```

```
[HKEY_CLASSES_ROOT\CLSID\{635FAC2C-87DF-42CA-9630-301697829BF2}\InProcServer32]
@="C:\Program Files (x86)\Common Files\Pulse
Secure\8021xAccessMethod\8021xAccessMethodPS64.dll"
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}]
@="PSFactoryBuffer"
```

```
[HKEY_CLASSES_ROOT\CLSID\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\InProcServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\uiModelServicePS64.dll"
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}]
@="PSFactoryBuffer"
```

```
[HKEY_CLASSES_ROOT\CLSID\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}\InProcServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\PulseSecureServicePS64.dll"
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}]
@="Pulse Secure SSO OneX Smartcard Credential Provider Class"
```

```
[HKEY_CLASSES_ROOT\CLSID\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}\InProcServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\jamSSOCredProv64.dll"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\CLSID\{D169455C-DDBA-4288-8DB5-B182C6E4814C}]
@="PSFactoryBuffer"
```



```
[HKEY_CLASSES_ROOT\CLSID\{D169455C-DDBA-4288-8DB5-B182C6E4814C}\InProcServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\Integration\\IntegrationAccessMethodPS64.dll"
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}]
@="DSAccessPluginMonitor Class"
"AppID"="{59912E29-D400-44b0-B06F-FB3055128913}"
```

```
[HKEY_CLASSES_ROOT\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\InprocHandler32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JUNS\\PulseSecureServicePS64.dll"
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\ProgID]
@="PulseSecureServicePS.DSAccessPluginMonit.1"
```

```
[HKEY_CLASSES_ROOT\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\VersionIndependentProgID]
@="PulseSecureServicePS.DSAccessPluginMonitor"
```

```
[HKEY_CLASSES_ROOT\CLSID\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}]
@="Pulse Secure SSO Smartcard Credential Provider Class"
```

```
[HKEY_CLASSES_ROOT\CLSID\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv64.dll"
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl.PulseSetupClientCont.1]
@="PulseSetupClientControl Class"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl.PulseSetupClientCont.1\CLSID]
@="{8E375A63-C616-46F1-AC77-59DF78F3A826}"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl.PulseSetupClientContro]
@="PulseSetupClientControl Class"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl.PulseSetupClientContro\CLSID]
@="{8E375A63-C616-46F1-AC77-59DF78F3A826}"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl.PulseSetupClientContro\CurVer]
@="dsATLSetupCtrl.PulseSetupClientCont.1"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl64.PulseSetupClientCo.1]
@="PulseSetupClientControl64 Class"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl64.PulseSetupClientCo.1\CLSID]
@="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl64.PulseSetupClientCont]
@="PulseSetupClientControl64 Class"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl64.PulseSetupClientCont\CLSID]
@="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
[HKEY_CLASSES_ROOT\dsATLSetupCtrl64.PulseSetupClientCont\CurVer]
@="dsATLSetupCtrl64.PulseSetupClientCo.1"
```

```
[HKEY_CLASSES_ROOT\Installer\Features\7F38C3F8078B75949B42187314230364]
"PulseSecure"=""
```

```
[HKEY_CLASSES_ROOT\Installer\Products\7F38C3F8078B75949B42187314230364]
"ProductName"="Pulse Secure"
"PackageCode"="87166F46556A2D14DAA19FB99F3E1DCD"
"Language"=dword:00000409
"Version"=dword:050200e3
"Assignment"=dword:00000001
"AdvertiseFlags"=dword:00000184
"InstanceType"=dword:00000000
"AuthorizedLUAApp"=dword:00000000
"DeploymentFlags"=dword:00000002
"Clients"=hex(7):3a,00,00,00,00,00
```

```
[HKEY_CLASSES_ROOT\Installer\Products\7F38C3F8078B75949B42187314230364\SourceList]
"PackageName"="PulseSecure.x64.msi"
"LastUsedSource"=hex(2):6e,00,3b,00,31,00,3b,00,43,00,3a,00,5c,00,55,00,73,00,\
65,00,72,00,73,00,5c,00,44,00,61,00,76,00,65,00,4b,00,5c,00,44,00,65,00,73,\
00,6b,00,74,00,6f,00,70,00,5c,00,00,00
```

```
[HKEY_CLASSES_ROOT\Installer\Products\7F38C3F8078B75949B42187314230364\SourceList\Media]
"1"=","
```

```
[HKEY_CLASSES_ROOT\Installer\Products\7F38C3F8078B75949B42187314230364\SourceList\Net]
"1"=hex(2):43,00,3a,00,5c,00,55,00,73,00,65,00,72,00,73,00,5c,00,44,00,61,00,\
76,00,65,00,4b,00,5c,00,44,00,65,00,73,00,6b,00,74,00,6f,00,70,00,5c,00,00,\
00
```

```
[HKEY_CLASSES_ROOT\Installer\UpgradeCodes\80E091D9B28608C488FB90D751B50001]
"7F38C3F8078B75949B42187314230364"=""
```

```
[HKEY_CLASSES_ROOT\Installer\Win32Assemblies\Global]
"Microsoft.VC80.CRT,type=\\"win32\\",version=\\"8.0.50727.762\\",publicKeyToken=\\"1fc8b3b9a1e18e3b\\",processorArchitecture=\\"amd64\\"""=hex(7):70,\
00,29,00,28,00,26,00,56,00,47,00,4c,00,5f,00,58,00,3f,00,6a,00,39,00,43,00,\
70,00,35,00,68,00,5a,00,4f,00,57,00,3d,00,3e,00,49,00,4c,00,54,00,54,00,52,\
00,59,00,32,00,74,00,4f,00,57,00,65,00,38,00,4d,00,6b,00,62,00,49,00,64,00,\
46,00,77,00,55,00,00,00,00,00
"policy.8.0.Microsoft.VC80.CRT,type=\\"win32-
policy\\",version=\\"8.0.50727.762\\",publicKeyToken=\\"1fc8b3b9a1e18e3b\\",processorArchitecture=\\"amd64\\"""
=hex(7):70,\
00,29,00,28,00,26,00,56,00,47,00,4c,00,5f,00,58,00,3f,00,6a,00,39,00,43,00,\
70,00,35,00,68,00,5a,00,4f,00,57,00,3d,00,3e,00,4b,00,39,00,70,00,54,00,41,\
00,27,00,65,00,26,00,5d,00,29,00,65,00,38,00,4d,00,6b,00,62,00,49,00,64,00,\
46,00,77,00,55,00,00,00,00,00
```

```
[HKEY_CLASSES_ROOT\Interface\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}]
@=""IPulseSetupClientControl"
```

```
[HKEY_CLASSES_ROOT\Interface\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\ProxyStubClsid32]
@="{00020424-0000-0000-C000-000000000046}"
```

```
[HKEY_CLASSES_ROOT\Interface\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\TypeLib]
@="{1FA1F2EF-0DCD-4228-8025-74CD7749C878}"
"Version"="1.0"
```

```
[HKEY_CLASSES_ROOT\Interface\{0686490E-1C1B-49BB-99C8-4159B0387278}]
@=""IJamUIPromptPlugin2"
```

```
[HKEY_CLASSES_ROOT\Interface\{0686490E-1C1B-49BB-99C8-4159B0387278}\NumMethods]
@=""8"
```

```
[HKEY_CLASSES_ROOT\Interface\{0686490E-1C1B-49BB-99C8-4159B0387278}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"
```

```
[HKEY_CLASSES_ROOT\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}]
@=""IJamUIProviderEvents4"
```

```
[HKEY_CLASSES_ROOT\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}\NumMethods]
@=""42"
```

[HKEY_CLASSES_ROOT\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}]
@="IJamUIPromptPlugin4"

[HKEY_CLASSES_ROOT\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}\NumMethods]
@="12"

[HKEY_CLASSES_ROOT\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}]
@="IJamUIProvider3"

[HKEY_CLASSES_ROOT\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}\NumMethods]
@="45"

[HKEY_CLASSES_ROOT\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{125A14B1-07D4-4D54-B378-F574CCC686AE}]
@="IJamUIProviderEvents2"

[HKEY_CLASSES_ROOT\Interface\{125A14B1-07D4-4D54-B378-F574CCC686AE}\NumMethods]
@="40"

[HKEY_CLASSES_ROOT\Interface\{125A14B1-07D4-4D54-B378-F574CCC686AE}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{1B8F498F-DB53-4B0C-85C0-D4E188DDDB02}]
@="IPulseve"

[HKEY_CLASSES_ROOT\Interface\{1B8F498F-DB53-4B0C-85C0-D4E188DDDB02}\NumMethods]
@="35"

[HKEY_CLASSES_ROOT\Interface\{1B8F498F-DB53-4B0C-85C0-D4E188DDDB02}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"

[HKEY_CLASSES_ROOT\Interface\{24C9FAED-1510-4BE4-9D1A-FBD5F1DCD8F9}]
@="IPulseSetupClientControl"

```
[HKEY_CLASSES_ROOT\Interface\{24C9FAED-1510-4BE4-9D1A-FBD5F1DCD8F9}\ProxyStubClsid32]
@="{00020424-0000-0000-C000-000000000046}"
```

```
[HKEY_CLASSES_ROOT\Interface\{24C9FAED-1510-4BE4-9D1A-FBD5F1DCD8F9}\TypeLib]
@="{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}"
"Version"="1.0"
```

```
[HKEY_CLASSES_ROOT\Interface\{27A510B4-A499-428D-B506-AC7989A233B1}]
@="I8021x"
```

```
[HKEY_CLASSES_ROOT\Interface\{27A510B4-A499-428D-B506-AC7989A233B1}\NumMethods]
@="9"
```

```
[HKEY_CLASSES_ROOT\Interface\{27A510B4-A499-428D-B506-AC7989A233B1}\ProxyStubClsid32]
@="{635FAC2C-87DF-42CA-9630-301697829BF2}"
```

```
[HKEY_CLASSES_ROOT\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}]
@="IPulseObjectEnum"
```

```
[HKEY_CLASSES_ROOT\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}\NumMethods]
@="5"
```

```
[HKEY_CLASSES_ROOT\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"
```

```
[HKEY_CLASSES_ROOT\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}]
@="IJamUIProviderEvents3"
```

```
[HKEY_CLASSES_ROOT\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}\NumMethods]
@="41"
```

```
[HKEY_CLASSES_ROOT\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"
```

```
[HKEY_CLASSES_ROOT\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}]
@="IUiModelService"
```

```
[HKEY_CLASSES_ROOT\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}\NumMethods]
@="39"
```

```
[HKEY_CLASSES_ROOT\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}\ProxyStubClsid32]
```

@="{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}"

[HKEY_CLASSES_ROOT\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}]

@="IDSAccessServiceFactory"

[HKEY_CLASSES_ROOT\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}\ProxyStubClsid32]

@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"

[HKEY_CLASSES_ROOT\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}]

@="JamUIPromptPlugin3"

[HKEY_CLASSES_ROOT\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}\NumMethods]

@="10"

[HKEY_CLASSES_ROOT\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}\ProxyStubClsid32]

@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}]

@="JamUIProvider2"

[HKEY_CLASSES_ROOT\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}\NumMethods]

@="44"

[HKEY_CLASSES_ROOT\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}\ProxyStubClsid32]

@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}]

@="IDSAccessPlugin"

[HKEY_CLASSES_ROOT\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}\ProxyStubClsid32]

@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"

[HKEY_CLASSES_ROOT\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}]

@="JamUIPromptPlugin"

[HKEY_CLASSES_ROOT\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}\ProxyStubClsid32]

@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}]

@="IDiagnosticService"

[HKEY_CLASSES_ROOT\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}\ProxyStubClsid32]

@="{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}"

[HKEY_CLASSES_ROOT\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}]

@="IDSAccessService"

[HKEY_CLASSES_ROOT\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}\NumMethods]

@="19"

[HKEY_CLASSES_ROOT\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}\ProxyStubClsid32]

@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"

[HKEY_CLASSES_ROOT\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}]

@="IDSAccessPluginEvents"

[HKEY_CLASSES_ROOT\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}\ProxyStubClsid32]

@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"

[HKEY_CLASSES_ROOT\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}]

@="I8021xCallback"

[HKEY_CLASSES_ROOT\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}\ProxyStubClsid32]

@="{635FAC2C-87DF-42CA-9630-301697829BF2}"

[HKEY_CLASSES_ROOT\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}]

@="I8021xAdapter"

[HKEY_CLASSES_ROOT\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}\NumMethods]
@="8"

[HKEY_CLASSES_ROOT\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}\ProxyStubClsid32]
@="{635FAC2C-87DF-42CA-9630-301697829BF2}"

[HKEY_CLASSES_ROOT\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}]
@="IPulseNetwork"

[HKEY_CLASSES_ROOT\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}\NumMethods]
@="42"

[HKEY_CLASSES_ROOT\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"

[HKEY_CLASSES_ROOT\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}]
@="IPulseClient"

[HKEY_CLASSES_ROOT\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}\NumMethods]
@="25"

[HKEY_CLASSES_ROOT\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"

[HKEY_CLASSES_ROOT\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}]
@="IJamUIProvider4"

[HKEY_CLASSES_ROOT\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}\NumMethods]
@="47"

[HKEY_CLASSES_ROOT\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}]
@="IJamUIProviderEvents"

[HKEY_CLASSES_ROOT\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}\NumMethods]
@="36"

[HKEY_CLASSES_ROOT\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"


```
[HKEY_CLASSES_ROOT\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}]
```

```
@="IUiModelPreLogin"
```

```
[HKEY_CLASSES_ROOT\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\NumMethods]
```

```
@="13"
```

```
[HKEY_CLASSES_ROOT\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\ProxyStubClsid32]
```

```
@="{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}"
```

```
[HKEY_CLASSES_ROOT\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}]
```

```
@="IDSAccessServiceEvents"
```

```
[HKEY_CLASSES_ROOT\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}\NumMethods]
```

```
@="6"
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```
[HKEY_CLASSES_ROOT\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}\ProxyStubClsid32]
```

```
@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"
```

```
[HKEY_CLASSES_ROOT\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}]
```

```
@="IPulseObject"
```

```
[HKEY_CLASSES_ROOT\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}\NumMethods]
```

```
@="19"
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```
[HKEY_CLASSES_ROOT\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}\ProxyStubClsid32]
```

```
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"
```

```
[HKEY_CLASSES_ROOT\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}]
```

```
@="IDSAccessServiceBinding"
```

```
[HKEY_CLASSES_ROOT\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}\NumMethods]
```

```
@="4"
```

```
[HKEY_CLASSES_ROOT\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}\ProxyStubClsid32]
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```
@="{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}"
```

```
[HKEY_CLASSES_ROOT\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}]
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```
@="IPulseConnection"
```

```
[HKEY_CLASSES_ROOT\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}\NumMethods]
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@="22"
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[HKEY_CLASSES_ROOT\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"

[HKEY_CLASSES_ROOT\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}]
@="IUiModelCallback"

[HKEY_CLASSES_ROOT\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}\NumMethods]
@="22"

[HKEY_CLASSES_ROOT\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}\ProxyStubClsid32]
@="{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}"

[HKEY_CLASSES_ROOT\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}]
@="IPulseObjectEvents"

[HKEY_CLASSES_ROOT\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}\NumMethods]
@="10"

[HKEY_CLASSES_ROOT\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}\ProxyStubClsid32]
@="{D169455C-DDBA-4288-8DB5-B182C6E4814C}"

[HKEY_CLASSES_ROOT\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}]
@="IJamUIProvider"

[HKEY_CLASSES_ROOT\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}\NumMethods]
@="41"

[HKEY_CLASSES_ROOT\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}\ProxyStubClsid32]
@="{0686490E-1C1B-49BB-99C8-4159B0387278}"

[HKEY_CLASSES_ROOT\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}]
@="IDiagnosticCallback"

[HKEY_CLASSES_ROOT\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}\NumMethods]
@="5"

[HKEY_CLASSES_ROOT\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}\ProxyStubClsid32]
@="{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}"

[HKEY_CLASSES_ROOT\PulseSecureServicePS.DSAccessPluginMonit.1]
@="DSAccessPluginMonitor Class"

```
[HKEY_CLASSES_ROOT\PulseSecureServicePS.DSAccessPluginMonit.1\CLSID]
```

```
@="{E60EAB20-C294-4757-8507-E14A72676EA9}"
```

```
[HKEY_CLASSES_ROOT\PulseSecureServicePS.DSAccessPluginMonitor]
```

```
@="DSAccessPluginMonitor Class"
```

```
[HKEY_CLASSES_ROOT\PulseSecureServicePS.DSAccessPluginMonitor\CLSID]
```

```
@="{E60EAB20-C294-4757-8507-E14A72676EA9}"
```

```
[HKEY_CLASSES_ROOT\PulseSecureServicePS.DSAccessPluginMonitor\CurVer]
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```
@="PulseSecureServicePS.DSAccessPluginMonit.1"
```

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[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}]
```

```
[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}\1.0]
```

```
@="PulseSetupClientATL 1.0 Type Library"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}\1.0\0]
```

```
[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}\1.0\0\win32]
```

```
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}\1.0\FLAGS]
```

```
@="0"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{1FA1F2EF-0DCD-4228-8025-74CD7749C878}\1.0\HELPDIR]
```

```
@=""
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}]
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}\1.0]
```

```
@="dsATLSetupCtrl64 1.0 Type Library"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}\1.0\0]
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}\1.0\0\win64]
```

```
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient64.ocx"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}\1.0\FLAGS]
```

```
@="0"
```

```
[HKEY_CLASSES_ROOT\TypeLib\{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}\1.0\HELPDIR]
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@=""

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}]

@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\InProcServer32]

@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx"

"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}]

@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}\InProcServer32]

@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JUNS\\dsInstallerServicePS.dll"

"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{3884BCAA-C611-4e2d-9105-E11B1203294E}]

@="Pulse Secure SSO Credential Provider Filter Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{3884BCAA-C611-4e2d-9105-E11B1203294E}\InProcServer32]

@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv.dll"

"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}]

@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}\InProcServer32]

@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\TNC Client Plugin\\HostCheckerServicePS.dll"

"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}]

@="Pulse Secure SSO OneX Password Credential Provider Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}\InProcServer32]

@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv.dll"

"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}]

@="Pulse Secure SSO Password Credential Provider Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}\InProcServer32]

@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv.dll"

"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{61FE4786-084E-4598-8F16-30DED15B6125}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{61FE4786-084E-4598-8F16-30DED15B6125}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JUNS\\PulseSecureServicePS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{635FAC2C-87DF-42CA-9630-301697829BF2}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{635FAC2C-87DF-42CA-9630-301697829BF2}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\8021xAccessMethod\\8021xAccessMethodPS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{673867FA-2CD8-495A-A22C-820A3800A9F5}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{673867FA-2CD8-495A-A22C-820A3800A9F5}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\Tunnel Manager\\dsTMSERVICEPS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8D622A6A-24F5-4EF1-B5E9-5305B0626810}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8D622A6A-24F5-4EF1-B5E9-5305B0626810}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JUNS\\AccessMethodPS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}]
@="PulseSetupClientControl Class"
"AppID"="{298CA817-0F85-47A8-8684-9652A2011238}"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Control]

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\InprocServer32]
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx"
"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\MiscStatus]
@="0"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\MiscStatus\1]
@="131473"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\ProgID]
@="dsATLSetupCtrl.PulseSetupClientCont.1"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Programmable]

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\ToolboxBitmap32]
@="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx, 102"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\TypeLib]
@="{1FA1F2EF-0DCD-4228-8025-74CD7749C878}"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Version]
@="1.0"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{8E375A63-C616-46F1-AC77-59DF78F3A826}\VersionIndependentProgID]
@="dsATLSetupCtrl.PulseSetupClientContro"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{93DBDC46-C99C-4266-A871-9208213282A1}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{93DBDC46-C99C-4266-A871-9208213282A1}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\uiPromptPluginPS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\uiModelServicePS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}]
@="Pulse Secure SSO OneX Smartcard Credential Provider Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}\InprocServer32]
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv.dll"

"ThreadingModel"="Apartment"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}\InprocServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\Integration\IntegrationAccessMethodPS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C74D0078-6B9F-4928-BF49-163F885B1332}]
@="PSFactoryBuffer"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{C74D0078-6B9F-4928-BF49-163F885B1332}\InprocServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\uiModelServicePS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E1C2CFAE-0C5A-4416-B24B-9F106A604509}]
@="CompatibilityIpcFactory Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E1C2CFAE-0C5A-4416-B24B-9F106A604509}\InprocServer32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\dsIpc.dll"
"ThreadingModel"="Free"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}]
"AppID"="{59912E29-D400-44B0-B06F-FB3055128913}"
@="DSAccessPluginMonitor Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\InprocHandler32]
@="C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\PulseSecureServicePS.dll"
"ThreadingModel"="Both"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\ProgID]
@="PulseSecureServicePS.DSAccessPluginMonit.1"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{E60EAB20-C294-4757-8507-E14A72676EA9}\VersionIndependentProgID]
@="PulseSecureServicePS.DSAccessPluginMonitor"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}]
@="Pulse Secure SSO Smartcard Credential Provider Class"

[HKEY_CLASSES_ROOT\Wow6432Node\CLSID\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}\InprocServer32]

```
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv.dll"  
"ThreadingModel"="Apartment"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\CLSID\\{F4F3404B-3474-470D-987D-BDAB0329EF46}]  
@="PSFactoryBuffer"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\CLSID\\{F4F3404B-3474-470D-987D-BDAB0329EF46}\\InprocServer32]  
@="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\ConnectionStore\\ConnectionStoreServicePS.dll"  
"ThreadingModel"="Both"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}]  
@="IPulseSetupClientControl"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\\NumMethods]  
@="13"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\\ProxyStubClsid32]  
@="{05C0F1C9-6F7D-4401-A959-8111D5E9E973}"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{05C0F1C9-6F7D-4401-A959-8111D5E9E973}\\TypeLib]  
@="{1FA1F2EF-0DCD-4228-8025-74CD7749C878}"  
"Version"="1.0"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{0686490E-1C1B-49BB-99C8-4159B0387278}]  
@="IJamUIPromptPlugin2"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{0686490E-1C1B-49BB-99C8-4159B0387278}\\NumMethods]  
@="8"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{0686490E-1C1B-49BB-99C8-4159B0387278}\\ProxyStubClsid32]  
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}]  
@="IInstallerService"
```

```
[HKEY_CLASSES_ROOT\\Wow6432Node\\Interface\\{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}\\NumMethods]  
@="8"
```



```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}\ProxyStubClsid32]
@="{081CB686-E56B-4C26-A0A9-E7A4A4ADC094}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}]
@="IJamUIProviderEvents4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}\NumMethods]
@="42"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{08B208CF-EABD-4BE5-88C0-2ADBB0D75E84}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}]
@="IJamUIPromptPlugin4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}\NumMethods]
@="12"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0A407658-288A-48A9-86E4-59FE723BF6DF}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}]
@="IJamUIProvider3"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}\NumMethods]
@="45"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0E771B43-7518-4E40-8558-FF0769996C2D}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0F774051-A1F8-44EC-BAD6-D127F3D8DEF4}]
@="IDSTMServiceInvokeCallback"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0F774051-A1F8-44EC-BAD6-D127F3D8DEF4}\NumMethods]
@="4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{0F774051-A1F8-44EC-BAD6-
```

```
D127F3D8DEF4}\ProxyStubClsid32]
@="{673867FA-2CD8-495A-A22C-820A3800A9F5}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{125A14B1-07D4-4D54-B378-F574CCC686AE}]
@="IJamUIProviderEvents2"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{125A14B1-07D4-4D54-B378-
F574CCC686AE}\NumMethods]
@="40"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{125A14B1-07D4-4D54-B378-
F574CCC686AE}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{1B8F498F-DB53-4B0C-85C0-D4E188DDDB02}]
@="IPulseve"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{1B8F498F-DB53-4B0C-85C0-
D4E188DDDB02}\NumMethods]
@="34"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{1B8F498F-DB53-4B0C-85C0-
D4E188DDDB02}\ProxyStubClsid32]
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{24C9FAED-1510-4BE4-9D1A-FBD5F1DCD8F9}]
@="IPulseSetupClientControl"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{24C9FAED-1510-4BE4-9D1A-
FBD5F1DCD8F9}\ProxyStubClsid32]
@="{00020424-0000-0000-C000-000000000046}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{24C9FAED-1510-4BE4-9D1A-FBD5F1DCD8F9}\TypeLib]
@="{CDF36C56-A2F1-452A-BD29-F4E43C987EF3}"
"Version"="1.0"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{27A510B4-A499-428D-B506-AC7989A233B1}]
@="I8021x"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{27A510B4-A499-428D-B506-
AC7989A233B1}\NumMethods]
@="4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{27A510B4-A499-428D-B506-AC7989A233B1}\ProxyStubClsid32]
@="{635FAC2C-87DF-42CA-9630-301697829BF2}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}]
@="IPulseObjectEnum"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}\NumMethods]
@="5"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2BB0D698-E1C9-41CE-817A-E6ACDAE9FC0C}\ProxyStubClsid32]
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}]
@="IJamUIProviderEvents3"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}\NumMethods]
@="41"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{38B04A53-C2D1-4B1C-9BE7-3F67F839ECC0}]
@="IConnectionStoreCallback"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{38B04A53-C2D1-4B1C-9BE7-3F67F839ECC0}\NumMethods]
@="8"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{38B04A53-C2D1-4B1C-9BE7-3F67F839ECC0}\ProxyStubClsid32]
@="{F4F3404B-3474-470D-987D-BDAB0329EF46}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}]
@="IHostCheckerCallback"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}\NumMethods]
@="12"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}\ProxyStubClsid32]
@="{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}]
@="IUiModelService"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}\NumMethods]
@="31"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{44090970-D42F-4B80-A44B-117AC24B7626}\ProxyStubClsid32]
@="{C74D0078-6B9F-4928-BF49-163F885B1332}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}]
@="IDSAccessServiceFactory"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}\NumMethods]
@="4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4CBB168F-3886-49F7-8602-1B9769A7150C}\ProxyStubClsid32]
@="{61FE4786-084E-4598-8F16-30DED15B6125}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}]
@="IJamUIPromptPlugin3"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}\NumMethods]
@="10"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{4FEB6927-4918-48BD-865C-6F576795547F}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}]
@="IJamUIProvider2"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}\NumMethods]
@="44"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5669C0F7-C43F-4E79-AAA2-81C72067EA20}\ProxyStubClsid32]
```

@="{93DBDC46-C99C-4266-A871-9208213282A1}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}]

@="IDSAccessPlugin"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5AF8DF2D-3F88-4C68-8D41-C103B2A6B166}\ProxyStubClsid32]

@="{61FE4786-084E-4598-8F16-30DED15B6125}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}]

@="IJamUIPromptPlugin"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5BEF0266-7AE5-452B-B6DD-2070381DA952}\ProxyStubClsid32]

@="{93DBDC46-C99C-4266-A871-9208213282A1}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}]

@="IDiagnosticService"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}\NumMethods]

@="6"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5CB47B71-4E63-4822-B0BD-65A9AD363D93}\ProxyStubClsid32]

@="{C74D0078-6B9F-4928-BF49-163F885B1332}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}]

@="IDSAccessService"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}\NumMethods]

@="20"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{5FEE7FE9-F273-4D77-AE00-81D6F3FA0188}\ProxyStubClsid32]

@="{61FE4786-084E-4598-8F16-30DED15B6125}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}]

@="IDSAccessPluginEvents"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{61FE4786-084E-4598-8F16-30DED15B6125}\ProxyStubClsid32]

@="{61FE4786-084E-4598-8F16-30DED15B6125}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}]

@="I8021xCallback"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{627CFA44-B791-4C6B-8E37-3E5D7C1727C7}\ProxyStubClsid32]

@="{635FAC2C-87DF-42CA-9630-301697829BF2}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}]

@="I8021xAdapter"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}\NumMethods]

@="8"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{635FAC2C-87DF-42CA-9630-301697829BF2}\ProxyStubClsid32]

@="{635FAC2C-87DF-42CA-9630-301697829BF2}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{673867FA-2CD8-495A-A22C-820A3800A9F5}]

@="IDSTMServiceStatusCallback"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{673867FA-2CD8-495A-A22C-820A3800A9F5}\NumMethods]

@="4"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{673867FA-2CD8-495A-A22C-820A3800A9F5}\ProxyStubClsid32]

@="{673867FA-2CD8-495A-A22C-820A3800A9F5}"

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}]  
@="IPulseNetwork"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}\NumMethods]  
@="41"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{71A878AF-F1B7-49DB-B9E0-B5DAE00CDAA0}\ProxyStubClsid32]  
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{7C92C70A-46F0-4A41-ACA8-C4858AC07472}]  
@="IDSAccessMethod"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{7C92C70A-46F0-4A41-ACA8-C4858AC07472}\NumMethods]  
@="11"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{7C92C70A-46F0-4A41-ACA8-C4858AC07472}\ProxyStubClsid32]  
@="{8D622A6A-24F5-4EF1-B5E9-5305B0626810}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}]  
@="IPulseClient"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}\NumMethods]  
@="24"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{84904B77-F993-4E3A-994A-387A724D4FB5}\ProxyStubClsid32]  
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{8D622A6A-24F5-4EF1-B5E9-5305B0626810}]  
@="IDSAccessMethodEvents"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{8D622A6A-24F5-4EF1-B5E9-5305B0626810}\NumMethods]  
@="6"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{8D622A6A-24F5-4EF1-B5E9-5305B0626810}\ProxyStubClsid32]  
@="{8D622A6A-24F5-4EF1-B5E9-5305B0626810}"
```

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}]
@="IJamUIProvider4"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}\NumMethods]
@="47"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{91DD713B-801E-43B2-88D1-2C1CC7827936}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}]
@="IJamUIProviderEvents"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}\NumMethods]
@="36"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{93DBDC46-C99C-4266-A871-9208213282A1}\ProxyStubClsid32]
@="{93DBDC46-C99C-4266-A871-9208213282A1}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}]
@="IUiModelPreLogin"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\NumMethods]
@="13"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A36A6A63-33C9-41A5-85A8-FB5CB4D1302D}\ProxyStubClsid32]
@="{C74D0078-6B9F-4928-BF49-163F885B1332}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A915D786-7A01-445D-A37B-2751A66AA62D}]
@="IHostChecker2"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A915D786-7A01-445D-A37B-2751A66AA62D}\NumMethods]
@="20"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{A915D786-7A01-445D-A37B-2751A66AA62D}\ProxyStubClsid32]
@="{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}"


```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}]  
@="IDSAccessServiceEvents"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}\NumMethods]  
@="4"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A}\ProxyStubClsid32]  
@="{61FE4786-084E-4598-8F16-30DED15B6125}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}]  
@="IPulseObject"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}\NumMethods]  
@="18"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{B61004C8-7A80-4006-84E9-8499E4F123F8}\ProxyStubClsid32]  
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}]  
@="IDSAccessServiceBinding"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}\NumMethods]  
@="6"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BDDE791B-B8B5-4B20-A65E-17B38C537BC2}\ProxyStubClsid32]  
@="{61FE4786-084E-4598-8F16-30DED15B6125}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BF5341D5-D43B-4A6F-A904-78D44B6B2EB5}]  
@="IHostChecker"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BF5341D5-D43B-4A6F-A904-78D44B6B2EB5}\NumMethods]  
@="20"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{BF5341D5-D43B-4A6F-A904-78D44B6B2EB5}\ProxyStubClsid32]  
@="{3E6FC4E0-C149-4E07-8679-1F019BCB12BA}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}]  
@="IPulseConnection"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}\NumMethods]  
@="21"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C1FAF476-B9C2-4F01-A323-074F00A90EA1}\ProxyStubClsid32]  
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}]  
@="IUiModelCallback"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}\NumMethods]  
@="18"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{C74D0078-6B9F-4928-BF49-163F885B1332}\ProxyStubClsid32]  
@="{C74D0078-6B9F-4928-BF49-163F885B1332}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}]  
@="IPulseObjectEvents"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}\NumMethods]  
@="9"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{D169455C-DDBA-4288-8DB5-B182C6E4814C}\ProxyStubClsid32]  
@="{C1FAF476-B9C2-4F01-A323-074F00A90EA1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}]  
@="IJamUIProvider"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}\NumMethods]  
@="41"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DC5D8B78-4C89-43B3-83FA-E4D3000352A1}\ProxyStubClsid32]  
@="{93DBDC46-C99C-4266-A871-9208213282A1}"
```

```
[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DFD0DE0A-B9FD-4F8B-83DB-ABEF6966313E}]
```

@="IDSTMService"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DFD0DE0A-B9FD-4F8B-83DB-ABEF6966313E}\NumMethods]

@="12"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{DFD0DE0A-B9FD-4F8B-83DB-ABEF6966313E}\ProxyStubClsid32]

@="{673867FA-2CD8-495A-A22C-820A3800A9F5}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F4F3404B-3474-470D-987D-BDAB0329EF46}]

@="IConnectionStore"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F4F3404B-3474-470D-987D-BDAB0329EF46}\NumMethods]

@="22"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F4F3404B-3474-470D-987D-BDAB0329EF46}\ProxyStubClsid32]

@="{F4F3404B-3474-470D-987D-BDAB0329EF46}"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}]

@="IDiagnosticCallback"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}\NumMethods]

@="5"

[HKEY_CLASSES_ROOT\Wow6432Node\Interface\{F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5}\ProxyStubClsid32]

@="{C74D0078-6B9F-4928-BF49-163F885B1332}"

[HKEY_CURRENT_USER\Software\Microsoft\Internet Explorer\Low Rights\ElevationPolicy\{3E8944DC-79B5-4650-9C2E-83885548A119}]

"AppName"="PulseSetupClient.exe"

"AppPath"="C:\Users\<username>\AppData\Roaming\Pulse Secure\Setup Client"

"Policy"=dword:00000003

[HKEY_CURRENT_USER\Software\Microsoft\Windows\CurrentVersion\Uninstall\Pulse_Setup_Client]

"DisplayName"="Pulse Secure Setup Client"

"UninstallString"="\"C:\Users\<username>\AppData\Roaming\Pulse Secure\Setup Client\uninstall.exe\""

"StartupApp"="\"C:\Users\<username>\AppData\Roaming\Pulse Secure\Setup Client\PulseSetupClient.exe\""

```
"StopApp"="\"C:\Users\<username>\AppData\Roaming\Pulse Secure\Setup Client\PulseSetupClient.exe\"
-stop"
"DisplayVersion"="8.2.1.227"
"Publisher"="Pulse Secure, LLC"
"URLInfoAbout"="http://www.pulsesecure.net"
"EstimatedSize"=dword:00000320
"InstallLocation"="C:\Users\<username>\AppData\Roaming\Pulse Secure\Setup Client"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution Units\{583C990C-2D38-410c-9A4A-0932D66A754F}]
```

```
"SystemComponent"=dword:00000000
"Installer"="MSICD"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution Units\{583C990C-2D38-410c-9A4A-0932D66A754F}\Contains]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution Units\{583C990C-2D38-410c-9A4A-0932D66A754F}\Contains\Files]
```

```
"C:\Windows\Downloaded Program Files\PulseSetupClient64.ocx"=""
"C:\Windows\Downloaded Program Files\PulseExt64.exe"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution Units\{583C990C-2D38-410c-9A4A-0932D66A754F}\DownloadInformation]
```

```
"CODEBASE"="https://pulsesecure.net/dana-cached/sc/PulseSetupClient64.cab"
"INF"="C:\Windows\Downloaded Program Files\PulseSetupClient64.INF"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Code Store Database\Distribution Units\{583C990C-2D38-410c-9A4A-0932D66A754F}\InstalledVersion]
```

```
@="2.1.1.1"
"LastModified"="Mon, 27 Nov 2006 07:32:24 GMT"
```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Tracing\JNPRtTlsPeer]
```

```
"EnableFileTracing"=dword:00000000
"EnableAutoFileTracing"=dword:00000000
"EnableConsoleTracing"=dword:00000000
"FileTracingMask"=dword:ffff0000
"ConsoleTracingMask"=dword:ffff0000
"MaxFileSize"=dword:00100000
"FileDirectory"=hex(2):25,00,77,00,69,00,6e,00,64,00,69,00,72,00,25,00,5c,00,\
74,00,72,00,61,00,63,00,69,00,6e,00,67,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\Credential Provider Filters\{3884BCAA-C611-4e2d-9105-E11B1203294E}]
```

@="Pulse Secure SSO Credential Provider Filter"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\Credential Providers\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}]

@="Pulse Secure SSO OneX Password Credential Provider"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\Credential Providers\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}]

@="Pulse Secure SSO Password Credential Provider"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\Credential Providers\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}]

@="Pulse Secure SSO OneX Smartcard Credential Provider"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Authentication\Credential Providers\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}]

@="Pulse Secure SSO Smartcard Credential Provider"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFx]

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFx\DriverStore]

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFx\DriverStore\jnprns_260C6334D987C71B41EC39304CE4AE75D6794E54]

"creation"=hex:5f,24,e8,9d,d8,47,d1,01

"type"=dword:00000007

"INF"="jnprns.inf"

"ProductName"="Pulse Secure"

"ManufacturerName"="Pulse Secure, LLC"

"DisplayName"="Pulse Secure"

"DependentInstaller"=hex(7):7b,00,39,00,41,00,43,00,31,00,46,00,30,00,45,00,39,\
00,2d,00,44,00,45,00,32,00,46,00,2d,00,34,00,42,00,32,00,44,00,2d,00,39,00,\
31,00,30,00,43,00,2d,00,36,00,35,00,43,00,41,00,45,00,45,00,39,00,31,00,35,\
00,33,00,44,00,39,00,7d,00,00,00,00,00

"DependentInstallerName"=hex(7):50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,\
00,63,00,75,00,72,00,65,00,00,00,00,00

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\DIFx\DriverStore\jnprva.inf_amd64_80b297ba301623ad]

"DependentInstaller"=hex(7):7b,00,32,00,37,00,30,00,30,00,34,00,44,00,35,00,38,\
00,2d,00,34,00,31,00,33,00,33,00,2d,00,34,00,45,00,30,00,30,00,2d,00,41,00,\
46,00,35,00,38,00,2d,00,34,00,39,00,33,00,38,00,35,00,46,00,33,00,34,00,43,\

00,38,00,38,00,41,00,7d,00,00,00,00,00

"DependentInstallerName"=hex(7):50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,\
00,63,00,75,00,72,00,65,00,00,00,00,00

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\DIFx\DriverStore\jnprvamgr.inf_amd64_b3434d97a4f3ed82]

"DependentInstaller"=hex(7):7b,00,38,00,38,00,39,00,38,00,39,00,35,00,37,00,37,\
00,2d,00,37,00,35,00,34,00,41,00,2d,00,34,00,39,00,34,00,41,00,2d,00,38,00,\
30,00,38,00,30,00,2d,00,30,00,39,00,42,00,35,00,41,00,39,00,38,00,33,00,33,\
00,43,00,34,00,34,00,7d,00,00,00,00,00

"DependentInstallerName"=hex(7):50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,\
00,63,00,75,00,72,00,65,00,00,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFxApp]

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFxApp\Components]

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\DIFxApp\Components\{27004D58-4133-4E00-AF58-49385F34C88A}]

"DriverStore"="C:\Windows\System32\DriverStore\FileRepository\jnprva.inf_amd64_80b297ba301623ad\jnprva.inf"

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\DIFxApp\Components\{88989577-754A-494A-8080-09B5A9833C44}]

"DriverStore"="C:\Windows\System32\DriverStore\FileRepository\jnprvamgr.inf_amd64_b3434d97a4f3ed82\jnprvamgr.inf"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\DIFxApp\Components\{9AC1F0E9-DE2F-4B2D-910C-65CAEE9153D9}]

"DriverStore"="C:\Windows\system32\DRVSTORE\jnprns_260C6334D987C71B41EC39304CE4AE75D6794E54\jnprns.inf"

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Installer\Folders]

"C:\Program Files (x86)\Pulse Secure\Pulse\"="1"

"C:\Program Files (x86)\Pulse Secure\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\ConnectionStore\"="1"

"C:\ProgramData\Pulse Secure\ConnectionStore\"="1"

"C:\ProgramData\Pulse Secure\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\Connection Manager\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\"="1"

"C:\Program Files (x86)\Common Files\Pulse Secure\Integration\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\8021xAccessMethod\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\leapService\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\liveConnMethod\"]="1"
 "C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\"]="1"
 "C:\Program Files (x86)\Common Files\Juniper Networks\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\jnprTdi\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\TNC Client Plugin\OPSWAT\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\Tunnel Manager\"]="1"
 "C:\Program Files (x86)\Common Files\Pulse Secure\vpnAccessMethod\"]="1"
 "C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprns\"]=""
 "C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\"]=""
 "C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprva\"]=""
 "C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\Drivers\jnprvamgr\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\DEV\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\EN\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ES\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\FR\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\IT\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\JA\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\KO\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\PL\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH\"]=""
 "C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\help\ZH-CN\"]=""
 "C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Pulse Secure\"]=""

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Installer\UpgradeCodes\80E091D9B28608C488FB90D751B50001]

"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0088F16E80E7DEA44BB79A7E2E645369]

"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Pulse Secure\liveConnMethod\samAccessMethod.dll"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\013263175F4036F48AE5CCE009E260F0]

"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Pulse Secure\leapService\MessageCatalogEapAM_KO.txt"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-

18\Components\01F7FEEC37BE6D5449F34211FAF98ABE]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\MessageCatalogPulseUI_ZH-CN.txt"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\0206EBC3F6C93E352A2C7321BC86A025]

"7F38C3F8078B75949B42187314230364"="02:\\Software\\Microsoft\\Windows\\CurrentVersion\\Uninstall\\Pulse Secure 5.2\\DisplayName"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\022EED76CC5C2EB4A817D83D3B1007AD]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\IveConnMethod\\MessageCatalogIveAM_PL.txt"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\03BAA777FEAD5CF4DB28E2CCE5AC19BD]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Pulse Secure\\Pulse\\"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\04083D8C2E192CD49A36FA2A29BD4C03]

"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\059C82B464CDF13448996A965AF770A2]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\IveConnMethod\\MessageCatalogIveAM_EN.txt"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\05FEE448AC422B390BF18C3B9B1A1EE8]

"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\05FEE448AC422B390CF18C3B9B1A1EE8]

"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\0A326681F39FEC241B66123B5335CB0D]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\help\\DE\\4296_sm.jpg"

[HKEY_LOCAL_MACHINE\\SOFTWARE\\Microsoft\\Windows\\CurrentVersion\\Installer\\UserData\\S-1-5-18\\Components\\0A3BEDB023EC0B0479F25E5922FC04AA]

"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\PulseResource_ZH-CN.txt"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0C6512928F171A64F9497CDE4E8A83B6]
"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Pulse Secure\Connection Manager\MessageCatalogConnMgr_JA.txt"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0D1D1878094B709C0BF18C3B9B1A1EE8]
"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0D1D1878094B709C0CF18C3B9B1A1EE8]
"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0D4326121392CC1428422E4200AD255B]
"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\MessageCatalogCommon_FR.txt"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0E3FC24E55B9DE04C906C60CAA722354]
"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0F0041B4F15172942BC2C7AD243B298D]
"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Pulse Secure\Pulse\AllEvents.man"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0F02D6F45ECC29410AF18C3B9B1A1EE8]
"7F38C3F8078B75949B42187314230364"=">\policy.8.0.Microsoft.VC80.CRT,type=\"win32-policy\",version=\"8.0.50727.762\",publicKeyToken=\"1fc8b3b9a1e18e3b\",processorArchitecture=\"amd64\""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\0F02D6F45ECC29410CF18C3B9B1A1EE8]
"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\10644F1FE4F094942B6388154B3BE6B0]
"7F38C3F8078B75949B42187314230364"="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\PulseResource_KO.txt"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\11F3F0E4923D62248A63E13636EE3F3A]
"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\12D6B7A3288A8994E9A7557EA1D8B791]
"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\help\\KO\\4296_sm.jpg"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\131F14FAF0D4F994CA6C7DCB55FD8700]
"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\jamSSOCredProv64.dll"

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"PatchGUID"=""

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 "ProductVersion"="5.2.227"
 "PatchSize"="0"
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Secure\vpnAccessMethod\MessageCatalogVpnAM_ES.txt"

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"PatchGUID"=""

"MediaCabinet"=""

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"ProductVersion"="5.2.227"

"PatchSize"="0"

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Plugin\dsWinClient.dll"

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"7F38C3F8078B75949B42187314230364"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\JamUI\\MessageCatalogPulseUI_ES.txt"

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"PatchGUID"=""
"MediaCabinet"=""
"File"="F_NSSTATSDUMP_EXE.34C340EE_B1F9_442D_901E_D43CD5E6BD8E"
"ComponentVersion"="5.52.1.227"
"ProductVersion"="5.2.227"
"PatchSize"="0"
"PatchAttributes"="0"
"PatchSequence"="0"
"SharedComponent"="1"
"IsFullFile"="0"

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Components\FE3B4AE6681DF844A9C5577D86DC6588]
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"7F38C3F8078B75949B42187314230364"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\7F38C3F8078B75949B42187314230364]

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-
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18\Products\7F38C3F8078B75949B42187314230364\Features]

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[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-
 18\Products\7F38C3F8078B75949B42187314230364\InstallProperties]

"LocalPackage"="C:\\Windows\\Installer\\1b1ccd.msi"
 "AuthorizedCDFPrefix"=""
 "Comments"=""
 "Contact"=""
 "DisplayVersion"="5.2.227"
 "HelpLink"=""
 "HelpTelephone"=""
 "InstallDate"="20160105"
 "InstallLocation"=""
 "InstallSource"="C:\\Users\\<username>\\Desktop\\"
 "ModifyPath"=hex(2):4d,00,73,00,69,00,45,00,78,00,65,00,63,00,2e,00,65,00,78,\
 00,65,00,20,00,2f,00,58,00,7b,00,38,00,46,00,33,00,43,00,38,00,33,00,46,00,\
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 00,39,00,32,00,34,00,2d,00,38,00,31,00,33,00,37,00,34,00,31,00,33,00,32,00,\
 33,00,30,00,34,00,36,00,7d,00,00,00
 "NoModify"=dword:00000001
 "Publisher"="Pulse Secure, LLC"
 "Readme"=""
 "Size"=""
 "EstimatedSize"=dword:0000ad06
 "SystemComponent"=dword:00000001

```
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00,37,00,2d,00,42,00,38,00,37,00,30,00,2d,00,34,00,39,00,35,00,37,00,2d,00,\
42,00,39,00,32,00,34,00,2d,00,38,00,31,00,33,00,37,00,34,00,31,00,33,00,32,\
00,33,00,30,00,34,00,36,00,7d,00,00,00
"URLInfoAbout"=""
"URLUpdateInfo"=""
"VersionMajor"=dword:00000005
"VersionMinor"=dword:00000002
"WindowsInstaller"=dword:00000001
"Version"=dword:050200e3
"Language"=dword:00000409
"DisplayName"="Pulse Secure"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\7F38C3F8078B75949B42187314230364\Patches]
```

```
"AllPatches"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Installer\UserData\S-1-5-18\Products\7F38C3F8078B75949B42187314230364\Usage]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ModuleUsage\C:/Windows/Downloaded Program Files/PulseExt64.exe]
```

```
".Owner"="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
"{583C990C-2D38-410c-9A4A-0932D66A754F}"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ModuleUsage\C:/Windows/Downloaded Program Files/PulseSetupClient64.ocx]
```

```
".Owner"="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
"{583C990C-2D38-410c-9A4A-0932D66A754F}"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SharedDLLs]
```

```
"C:\Windows\Downloaded Program Files\PulseSetupClient64.ocx"=dword:00000001
```

```
"C:\Windows\Downloaded Program Files\PulseExt64.exe"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Uninstall\{8F3C83F7-B870-4957-B924-813741323046}]
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```
"AuthorizedCDFPrefix"=""
```

```
"Comments"=""
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```
"Contact"=""
```

```
"DisplayVersion"="5.2.227"
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```
"HelpLink"=""
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"HelpTelephone"=""
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```

"InstallDate"="20160105"
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"ModifyPath"=hex(2):4d,00,73,00,69,00,45,00,78,00,65,00,63,00,2e,00,65,00,78,\
00,65,00,20,00,2f,00,58,00,7b,00,38,00,46,00,33,00,43,00,38,00,33,00,46,00,\
37,00,2d,00,42,00,38,00,37,00,30,00,2d,00,34,00,39,00,35,00,37,00,2d,00,42,\
00,39,00,32,00,34,00,2d,00,38,00,31,00,33,00,37,00,34,00,31,00,33,00,32,00,\
33,00,30,00,34,00,36,00,7d,00,00,00
"NoModify"=dword:00000001
"Publisher"="Pulse Secure, LLC"
"Readme"=""
"Size"=""
"EstimatedSize"=dword:0000ad06
"SystemComponent"=dword:00000001
"UninstallString"=hex(2):4d,00,73,00,69,00,45,00,78,00,65,00,63,00,2e,00,65,00,\
78,00,65,00,20,00,2f,00,58,00,7b,00,38,00,46,00,33,00,43,00,38,00,33,00,46,\
00,37,00,2d,00,42,00,38,00,37,00,30,00,2d,00,34,00,39,00,35,00,37,00,2d,00,\
42,00,39,00,32,00,34,00,2d,00,38,00,31,00,33,00,37,00,34,00,31,00,33,00,32,\
00,33,00,30,00,34,00,36,00,7d,00,00,00
"URLInfoAbout"=""
"URLUpdateInfo"=""
"VersionMajor"=dword:00000005
"VersionMinor"=dword:00000002
"WindowsInstaller"=dword:00000001
"Version"=dword:050200e3
"Language"=dword:00000409
"DisplayName"="Pulse Secure"

```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\Uninstall\Pulse_Setup_Client Activex Control]
```

```

"DisplayName"="Pulse Secure Setup Client 64-bit Activex Control"
"UninstallString"="C:\\Windows\\Downloaded Program Files\\PulseSetupClientCtrlUninstaller64.exe"
"DisplayVersion"="2.1.1.1"
"Publisher"="Pulse Secure, LLC"
"URLInfoAbout"="http://www.pulsesecure.net"

```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Channels\Junos Pulse/Operational]
```

```

"OwningPublisher"="{46a36c81-925b-4073-957b-df3a123a66f2}"
"Enabled"=dword:00000001
"Isolation"=dword:00000000
"ChannelAccess"="O:BAG:SYD:(A;;0x2;;;S-1-15-2-1)(A;;0xf0007;;;SY)(A;;0x7;;;BA)(A;;0x7;;;SO)(A;;0x3;;;IU)(A;;0x3;;;SU)(A;;0x3;;;S-1-5-3)(A;;0x3;;;S-1-5-33)(A;;0x1;;;S-1-

```


5-32-573)"

"MaxSize"=dword:00a00000

"MaxSizeUpper"=dword:00000000

"Type"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{14334861-2cc8-9b50-8930-644ddeaefad7}]

@="ComponentManager"

"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{14334861-2cc8-9b50-8930-644ddeaefad7}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{14334861-2cc8-9b50-8930-644ddeaefad7}\ChannelReferences\0]

@="Junos Pulse/Operational"

"Id"=dword:00000010

"Flags"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{46a36c81-925b-4073-957b-df3a123a66f2}]

@="Junos Pulse"

"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
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29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{46a36c81-925b-4073-957b-df3a123a66f2}\ChannelReferences]
```

```
"Count"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{46a36c81-925b-4073-957b-df3a123a66f2}\ChannelReferences\0]
```

```
@="Junos Pulse/Operational"
```

```
"Id"=dword:00000010
```

```
"Flags"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{5a80377c-e388-f1b8-556c-f2d6cb00d282}]
```

```
@="_802dot1X"
```

```
"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{5a80377c-e388-f1b8-556c-f2d6cb00d282}\ChannelReferences]
```

```
"Count"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{5a80377c-e388-f1b8-556c-f2d6cb00d282}\ChannelReferences\0]
```

```
@="Junos Pulse/Operational"
```

```
"Id"=dword:00000010
```

```
"Flags"=dword:00000001
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[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{6dce1e9c-8bb9-5be5-e0ca-60f31b9c6bde}]
```

```
@="Service"
```

```
"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\

6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{6dce1e9c-8bb9-5be5-e0ca-60f31b9c6bde}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{6dce1e9c-8bb9-5be5-e0ca-60f31b9c6bde}\ChannelReferences\0]

@="Junos Pulse/Operational"

"Id"=dword:00000010

"Flags"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{7d54ba2d-5b0d-aaf0-fcf7-39506f3223c4}]

@="IVE"

"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\

6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{7d54ba2d-5b0d-aaf0-fcf7-39506f3223c4}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{7d54ba2d-5b0d-aaf0-fcf7-39506f3223c4}\ChannelReferences\0]

@="Junos Pulse/Operational"

"Id"=dword:00000010

"Flags"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{9cf1d406-6f42-d032-3afe-0cbbab6099af}]

@="ConnectionStore"

"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\

00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\

6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{9cf1d406-6f42-d032-3afe-0cbbab6099af}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{9cf1d406-6f42-d032-3afe-0cbbab6099af}\ChannelReferences\0]

@="Junos Pulse/Operational"

"Id"=dword:00000010

"Flags"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{d0c4d176-4791-27cd-bcac-cdcbe862f155}]

@="ConnectionManager"

"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\

00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\

6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{d0c4d176-4791-27cd-bcac-cdcbe862f155}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{d0c4d176-4791-27cd-bcac-cdcbe862f155}\ChannelReferences\0]

```
@="Junos Pulse/Operational"
"Id"=dword:00000010
"Flags"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{e7ffb03a-c621-33d6-1c4a-6cf204cde6db}]
```

```
@="GUI"
```

```
"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{e7ffb03a-c621-33d6-1c4a-6cf204cde6db}\ChannelReferences]
```

```
"Count"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{e7ffb03a-c621-33d6-1c4a-6cf204cde6db}\ChannelReferences\0]
```

```
@="Junos Pulse/Operational"
"Id"=dword:00000010
"Flags"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{edc05783-1e76-74de-3aba-208fc971508f}]
```

```
@="HostChecker"
```

```
"ResourceFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,\
00,6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,\
29,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,\
74,00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
"MessageFileName"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,50,00,75,00,6c,00,73,00,65,00,5c,00,45,00,76,00,65,00,6e,00,74,\
00,73,00,52,00,65,00,73,00,2e,00,64,00,6c,00,6c,00,00,00
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{edc05783-1e76-
```

74de-3aba-208fc971508f}\ChannelReferences]

"Count"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\WINEVT\Publishers\{edc05783-1e76-74de-3aba-208fc971508f}\ChannelReferences\0]

@="Junos Pulse/Operational"

"Id"=dword:00000010

"Flags"=dword:00000001

[HKEY_LOCAL_MACHINE\Software\Microsoft\Windows\Windows Error Reporting\ExcludedApplications]

"PulseSecureService.exe"=dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\Windows Error Reporting\LocalDumps]

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\Windows Error Reporting\LocalDumps\PulseSecureService.exe]

"DumpFolder"=hex(2):25,00,43,00,6f,00,6d,00,6d,00,6f,00,6e,00,50,00,72,00,6f,\
00,67,00,72,00,61,00,6d,00,46,00,69,00,6c,00,65,00,73,00,28,00,78,00,38,00,\
36,00,29,00,25,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,\
00,75,00,72,00,65,00,5c,00,4a,00,55,00,4e,00,53,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Pulse Secure]

[HKEY_LOCAL_MACHINE\SOFTWARE\Pulse Secure\Common Files]

"Integration"="C:\\Program Files (x86)\\Common Files\\Pulse Secure\\Integration\\pulse.dll"

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}]

"SystemComponent"=dword:00000000

"Installer"="MSICD"

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Contains]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Contains\Files]

"C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx"=""

"C:\\Windows\\Downloaded Program Files\\PulseExt.exe"=""

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\DownloadInformation]

"CODEBASE"="https://pulsesecure.net/dana-cached/sc/PulseSetupClient.cab"

"INF"="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.INF"

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution  
Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\InstalledVersion]
```

```
@="2.1.1.1"
```

```
"LastModified"="Mon, 27 Nov 2006 07:32:24 GMT"
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Internet Explorer\Low  
Rights\ElevationPolicy\{3EEDF1D3-9D79-4b3e-B8EB-84DB35D7F282}]
```

```
"AppName"="PulseSetupClient.exe"
```

```
"AppPath"="C:\Windows\system32\config\systemprofile\AppData\Roaming\Pulse Secure\Setup Client"
```

```
"Policy"=dword:00000003
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Internet Explorer\Low  
Rights\ElevationPolicy\{3FB35533-A034-42dc-B051-95F1819F6A9A}]
```

```
"AppName"="PulseExt.exe"
```

```
"AppPath"="C:\Windows\Downloaded Program Files"
```

```
"Policy"=dword:00000003
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Authentication\Cred  
ential Provider Filters\{3884BCAA-C611-4e2d-9105-E11B1203294E}]
```

```
@="Pulse Secure SSO Credential Provider Filter"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Authentication\Cred  
ential Providers\{4B9CAC01-6732-40d0-8B8F-B5B340F9D44F}]
```

```
@="Pulse Secure SSO OneX Password Credential Provider"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Authentication\Cred  
ential Providers\{4EFD0F35-BFBA-44eb-8F25-2B3530203C1D}]
```

```
@="Pulse Secure SSO Password Credential Provider"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Authentication\Cred  
ential Providers\{C1258FBC-F04F-4862-B78A-DDAAEF4A9707}]
```

```
@="Pulse Secure SSO OneX Smartcard Credential Provider"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Authentication\Cred  
ential Providers\{EAB1A79F-DFAA-4faf-A7B9-A6652E97EE16}]
```

```
@="Pulse Secure SSO Smartcard Credential Provider"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\ModuleUsage]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\ModuleUsage\C:\Wi  
ndows/Downloaded Program Files/PulseExt.exe]
```

```
".Owner"="{8E375A63-C616-46F1-AC77-59DF78F3A826}"
```

```
"{8E375A63-C616-46F1-AC77-59DF78F3A826}"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\ModuleUsage\C:\Windows\Downloaded Program Files\PulseSetupClient.ocx]
".Owner"="{8E375A63-C616-46F1-AC77-59DF78F3A826}"
"{8E375A63-C616-46F1-AC77-59DF78F3A826}"=""
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Run]
"PulseSecure"="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\Pulse.exe -tray"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\SharedDLLs]
"C:\Windows\Downloaded Program Files\PulseSetupClient.ocx"=dword:00000001
"C:\Windows\Downloaded Program Files\PulseExt.exe"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\Pulse Secure 5.2]
"DisplayName"="Pulse Secure 5.2"
"DisplayVersion"="5.2.227"
"Publisher"="Pulse Secure, LLC"
"UninstallString"="C:\Program Files (x86)\Pulse Secure\Pulse\PulseUninstall.exe"
"NoRepair"=dword:00000001
"NoModify"=dword:00000001
"DisplayIcon"="C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\Pulse.exe"
"URLInfoAbout"="http://www.pulsesecure.net/support"
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Windows\CurrentVersion\Uninstall\Pulse_Setup_Client Activex Control]
"DisplayName"="Pulse Secure Setup Client Activex Control"
"UninstallString"="C:\Windows\Downloaded Program Files\PulseSetupClientCtrlUninstaller.exe"
"DisplayVersion"="2.1.1.1"
"Publisher"="Pulse Secure, LLC"
"URLInfoAbout"="http://www.pulsesecure.net"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Pulse Secure]
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Pulse Secure\Common Files]
"dsLogService"="C:\Program Files (x86)\Common Files\Pulse Secure\JUNS\dsLogService.dll"
"Integration"="C:\Program Files (x86)\Common Files\Pulse Secure\Integration\pulse32.dll"
"nsstatsdump"="C:\Program Files (x86)\Common Files\Juniper Networks\JNPRNA\nsstatsdump.exe"
"dsTMClient"="C:\Program Files (x86)\Common Files\Pulse Secure\Tunnel Manager\dsTMClient.dll"
"dsTMSERVICE"="C:\Program Files (x86)\Common Files\Pulse Secure\Tunnel Manager\dsTMSERVICE.dll"
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Pulse Secure\Logging]
"CrashDumpType"=dword:00000000
"Level"="3"
```


"LogFileName"="C:\ProgramData\Pulse Secure\Logging\debuglog.log"

"LogSizeInMB"="10"

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Pulse Secure\Pulse]

"SetupClientInstaller"="C:\Program Files (x86)\Pulse Secure\Pulse\PSSetupClientInstaller.exe"

"SetupClientVersion"="8.2.1.227"

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Pulse Secure\Pulse\Drivers]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Pulse Secure\Pulse\Drivers\JNPRTDI]

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Pulse Secure\Pulse\Drivers\JNPRTDI\jnprTdi_821_227]

[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}]

"LastDeleteDate"=hex:f3,53,c9,aa,d8,47,d1,01

[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}\0000]

"NetCfgInstanceId"="{6B3EB799-F9AD-4714-AF5C-20D011060E69}"

[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}\0000\Linkage]

"RootDevice"=hex(7):7b,00,36,00,42,00,33,00,45,00,42,00,37,00,39,00,39,00,2d,\
00,46,00,39,00,41,00,44,00,2d,00,34,00,37,00,31,00,34,00,2d,00,41,00,46,00,\
35,00,43,00,2d,00,32,00,30,00,44,00,30,00,31,00,31,00,30,00,36,00,30,00,45,\
00,36,00,39,00,7d,00,00,00,00,00

"UpperBind"=hex(7):54,00,63,00,70,00,69,00,70,00,00,00,54,00,63,00,70,00,69,00,\
70,00,36,00,00,00,52,00,44,00,4d,00,41,00,4e,00,44,00,4b,00,00,00,52,00,61,\
00,73,00,50,00,70,00,70,00,6f,00,65,00,00,00,72,00,73,00,70,00,6e,00,64,00,\
72,00,00,00,6c,00,6c,00,74,00,64,00,69,00,6f,00,00,00,4d,00,73,00,4c,00,6c,\
00,64,00,70,00,00,00,4e,00,64,00,69,00,73,00,75,00,69,00,6f,00,00,00,00,00

"Export"=hex(7):5c,00,44,00,65,00,76,00,69,00,63,00,65,00,5c,00,7b,00,36,00,42,\
00,33,00,45,00,42,00,37,00,39,00,39,00,2d,00,46,00,39,00,41,00,44,00,2d,00,\
34,00,37,00,31,00,34,00,2d,00,41,00,46,00,35,00,43,00,2d,00,32,00,30,00,44,\
00,30,00,31,00,31,00,30,00,36,00,30,00,45,00,36,00,39,00,7d,00,00,00,00,00

"FilterList"=hex(7):7b,00,36,00,42,00,33,00,45,00,42,00,37,00,39,00,39,00,2d,\
00,46,00,39,00,41,00,44,00,2d,00,34,00,37,00,31,00,34,00,2d,00,41,00,46,00,\
35,00,43,00,2d,00,32,00,30,00,44,00,30,00,31,00,31,00,30,00,36,00,30,00,45,\
00,36,00,39,00,7d,00,2d,00,7b,00,33,00,42,00,46,00,44,00,37,00,38,00,32,00,\
30,00,2d,00,44,00,36,00,35,00,43,00,2d,00,34,00,43,00,31,00,42,00,2d,00,39,\
00,46,00,45,00,41,00,2d,00,39,00,38,00,33,00,41,00,30,00,31,00,39,00,36,00,\
33,00,39,00,45,00,41,00,7d,00,2d,00,30,00,30,00,30,00,30,00,00,00,7b,00,36,\

```

00,42,00,33,00,45,00,42,00,37,00,39,00,39,00,2d,00,46,00,39,00,41,00,44,00,\
2d,00,34,00,37,00,31,00,34,00,2d,00,41,00,46,00,35,00,43,00,2d,00,32,00,30,\
00,44,00,30,00,31,00,31,00,30,00,36,00,30,00,45,00,36,00,39,00,7d,00,2d,00,\
7b,00,43,00,30,00,32,00,44,00,31,00,45,00,35,00,34,00,2d,00,46,00,42,00,41,\
00,42,00,2d,00,34,00,36,00,42,00,42,00,2d,00,38,00,30,00,35,00,32,00,2d,00,\
42,00,45,00,32,00,35,00,41,00,42,00,39,00,30,00,43,00,39,00,39,00,41,00,7d,\
00,2d,00,30,00,30,00,30,00,30,00,00,00,7b,00,36,00,42,00,33,00,45,00,42,00,\
37,00,39,00,39,00,2d,00,46,00,39,00,41,00,44,00,2d,00,34,00,37,00,31,00,34,\
00,2d,00,41,00,46,00,35,00,43,00,2d,00,32,00,30,00,44,00,30,00,31,00,31,00,\
30,00,36,00,30,00,45,00,36,00,39,00,7d,00,2d,00,7b,00,42,00,35,00,46,00,34,\
00,44,00,36,00,35,00,39,00,2d,00,37,00,44,00,41,00,41,00,2d,00,34,00,35,00,\
36,00,35,00,2d,00,38,00,45,00,34,00,31,00,2d,00,42,00,45,00,32,00,32,00,30,\
00,45,00,44,00,36,00,30,00,35,00,34,00,32,00,7d,00,2d,00,30,00,30,00,30,00,\
30,00,00,00,7b,00,36,00,42,00,33,00,45,00,42,00,37,00,39,00,39,00,2d,00,46,\
00,39,00,41,00,44,00,2d,00,34,00,37,00,31,00,34,00,2d,00,41,00,46,00,35,00,\
43,00,2d,00,32,00,30,00,44,00,30,00,31,00,31,00,30,00,36,00,30,00,45,00,36,\
00,39,00,7d,00,2d,00,7b,00,42,00,37,00,30,00,44,00,36,00,34,00,36,00,30,00,\
2d,00,33,00,36,00,33,00,35,00,2d,00,34,00,44,00,34,00,32,00,2d,00,42,00,38,\
00,36,00,36,00,2d,00,42,00,38,00,41,00,42,00,31,00,41,00,32,00,34,00,34,00,\
35,00,34,00,43,00,7d,00,2d,00,30,00,30,00,30,00,30,00,00,00,00

```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}\0001]
```

```
"NetCfgInstanceId"="{8718928D-CBEB-45EA-A621-800A9249001D}"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e972-e325-11ce-bfc1-08002be10318}\0001\Linkage]
```

```
"RootDevice"=hex(7):7b,00,38,00,37,00,31,00,38,00,39,00,32,00,38,00,44,00,2d,\
00,43,00,42,00,45,00,42,00,2d,00,34,00,35,00,45,00,41,00,2d,00,41,00,36,00,\
32,00,31,00,2d,00,38,00,30,00,30,00,41,00,39,00,32,00,34,00,39,00,30,00,30,\
00,31,00,44,00,7d,00,00,00,00,00
```

```
"UpperBind"=hex(7):54,00,63,00,70,00,69,00,70,00,00,00,54,00,63,00,70,00,69,00,\
70,00,36,00,00,00,52,00,44,00,4d,00,41,00,4e,00,44,00,4b,00,00,00,52,00,61,\
00,73,00,50,00,70,00,70,00,6f,00,65,00,00,00,72,00,73,00,70,00,6e,00,64,00,\
72,00,00,00,6c,00,6c,00,74,00,64,00,69,00,6f,00,00,00,4d,00,73,00,4c,00,6c,\
00,64,00,70,00,00,00,4e,00,64,00,69,00,73,00,75,00,69,00,6f,00,00,00,00,00
```

```
"Export"=hex(7):5c,00,44,00,65,00,76,00,69,00,63,00,65,00,5c,00,7b,00,38,00,37,\
00,31,00,38,00,39,00,32,00,38,00,44,00,2d,00,43,00,42,00,45,00,42,00,2d,00,\
34,00,35,00,45,00,41,00,2d,00,41,00,36,00,32,00,31,00,2d,00,38,00,30,00,30,\
00,41,00,39,00,32,00,34,00,39,00,30,00,30,00,31,00,44,00,7d,00,00,00,00,00
```

```
"FilterList"=hex(7):7b,00,38,00,37,00,31,00,38,00,39,00,32,00,38,00,44,00,2d,\
00,43,00,42,00,45,00,42,00,2d,00,34,00,35,00,45,00,41,00,2d,00,41,00,36,00,\
```

```

32,00,31,00,2d,00,38,00,30,00,30,00,41,00,39,00,32,00,34,00,39,00,30,00,30,\
00,31,00,44,00,7d,00,2d,00,7b,00,33,00,42,00,46,00,44,00,37,00,38,00,32,00,\
30,00,2d,00,44,00,36,00,35,00,43,00,2d,00,34,00,43,00,31,00,42,00,2d,00,39,\
00,46,00,45,00,41,00,2d,00,39,00,38,00,33,00,41,00,30,00,31,00,39,00,36,00,\
33,00,39,00,45,00,41,00,7d,00,2d,00,30,00,30,00,30,00,30,00,00,00,7b,00,38,\
00,37,00,31,00,38,00,39,00,32,00,38,00,44,00,2d,00,43,00,42,00,45,00,42,00,\
2d,00,34,00,35,00,45,00,41,00,2d,00,41,00,36,00,32,00,31,00,2d,00,38,00,30,\
00,30,00,41,00,39,00,32,00,34,00,39,00,30,00,30,00,31,00,44,00,7d,00,2d,00,\
7b,00,43,00,30,00,32,00,44,00,31,00,45,00,35,00,34,00,2d,00,46,00,42,00,41,\
00,42,00,2d,00,34,00,36,00,42,00,42,00,2d,00,38,00,30,00,35,00,32,00,2d,00,\
42,00,45,00,32,00,35,00,41,00,42,00,39,00,30,00,43,00,39,00,39,00,41,00,7d,\
00,2d,00,30,00,30,00,30,00,30,00,00,00,7b,00,38,00,37,00,31,00,38,00,39,00,\
32,00,38,00,44,00,2d,00,43,00,42,00,45,00,42,00,2d,00,34,00,35,00,45,00,41,\
00,2d,00,41,00,36,00,32,00,31,00,2d,00,38,00,30,00,30,00,41,00,39,00,32,00,\
34,00,39,00,30,00,30,00,31,00,44,00,7d,00,2d,00,7b,00,42,00,35,00,46,00,34,\
00,44,00,36,00,35,00,39,00,2d,00,37,00,44,00,41,00,41,00,2d,00,34,00,35,00,\
36,00,35,00,2d,00,38,00,45,00,34,00,31,00,2d,00,42,00,45,00,32,00,32,00,30,\
00,45,00,44,00,36,00,30,00,35,00,34,00,32,00,7d,00,2d,00,30,00,30,00,30,00,\
30,00,00,00,7b,00,38,00,37,00,31,00,38,00,39,00,32,00,38,00,44,00,2d,00,43,\
00,42,00,45,00,42,00,2d,00,34,00,35,00,45,00,41,00,2d,00,41,00,36,00,32,00,\
31,00,2d,00,38,00,30,00,30,00,41,00,39,00,32,00,34,00,39,00,30,00,30,00,31,\
00,44,00,7d,00,2d,00,7b,00,42,00,37,00,30,00,44,00,36,00,34,00,36,00,30,00,\
2d,00,33,00,36,00,33,00,35,00,2d,00,34,00,44,00,34,00,32,00,2d,00,42,00,38,\
00,36,00,36,00,2d,00,42,00,38,00,41,00,42,00,31,00,41,00,32,00,34,00,34,00,\
35,00,34,00,43,00,7d,00,2d,00,30,00,30,00,30,00,30,00,00,00,00,00

```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Class\{4d36e974-e325-11ce-bfc1-08002be10318}]
```

```
"LastDeleteDate"=hex:f8,aa,3c,aa,d8,47,d1,01
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\GroupOrderList]
```

```
"PNP_TDI"=hex:09,00,00,00,05,00,00,00,01,00,00,00,02,00,00,00,03,00,00,00,04,\
00,00,00,09,00,00,00,06,00,00,00,07,00,00,00,08,00,00,00
```

```
"Ndis"=hex:1a,00,00,00,01,00,00,00,02,00,00,00,03,00,00,00,04,00,00,00,05,00,\
00,00,06,00,00,00,07,00,00,00,08,00,00,00,09,00,00,00,0a,00,00,00,0b,00,00,\
00,0c,00,00,00,0d,00,00,00,0e,00,00,00,0f,00,00,00,10,00,00,00,11,00,00,00,\
12,00,00,00,13,00,00,00,14,00,00,00,15,00,00,00,16,00,00,00,17,00,00,00,18,\
00,00,00,19,00,00,00,1a,00,00,00
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Network]
```

```
"FilterClasses"=hex(7):6d,00,73,00,5f,00,66,00,69,00,72,00,65,00,77,00,61,00,\
6c,00,6c,00,5f,00,75,00,70,00,70,00,65,00,72,00,00,00,73,00,63,00,68,00,65,\

```

00,64,00,75,00,6c,00,65,00,72,00,00,00,65,00,6e,00,63,00,72,00,79,00,70,00,\

74,00,69,00,6f,00,6e,00,00,00,63,00,6f,00,6d,00,70,00,72,00,65,00,73,00,73,\
00,69,00,6f,00,6e,00,00,00,76,00,70,00,6e,00,00,00,6c,00,6f,00,61,00,64,00,\
62,00,61,00,6c,00,61,00,6e,00,63,00,65,00,00,00,66,00,61,00,69,00,6c,00,6f,\
00,76,00,65,00,72,00,00,00,64,00,69,00,61,00,67,00,6e,00,6f,00,73,00,74,00,\
69,00,63,00,00,00,63,00,75,00,73,00,74,00,6f,00,6d,00,00,00,70,00,72,00,6f,\
00,76,00,69,00,64,00,65,00,72,00,5f,00,61,00,64,00,64,00,72,00,65,00,73,00,\
73,00,00,00,6d,00,73,00,5f,00,69,00,6d,00,70,00,6c,00,61,00,74,00,66,00,6f,\
00,72,00,6d,00,00,00,6d,00,73,00,5f,00,73,00,77,00,69,00,74,00,63,00,68,00,\
5f,00,63,00,61,00,70,00,74,00,75,00,72,00,65,00,00,00,6d,00,73,00,5f,00,73,\
00,77,00,69,00,74,00,63,00,68,00,5f,00,66,00,69,00,6c,00,74,00,65,00,72,00,\
00,00,6d,00,73,00,5f,00,73,00,77,00,69,00,74,00,63,00,68,00,5f,00,72,00,65,\
00,73,00,65,00,72,00,76,00,65,00,64,00,00,00,6d,00,73,00,5f,00,73,00,77,00,\
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"Config"=hex:00,00,00,00,00,00,00,00,2a,00,00,00,00,00,00,00,54,1e,2d,c0,ab,fb,\
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00,6a,00,6e,00,70,00,72,00,6e,00,73,00,00,00,00,00,00,00,00,00,00,00,\
6c,cd,24,ea,7a,d1,48,43,91,90,09,f0,d5,be,83,dd,04,00,00,00,00,00,00,38,\
00,04,00,00,00,00,6d,00,73,00,5f,00,6e,00,64,00,69,00,73,00,63,00,61,00,\
70,00,\
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00,63,00,68,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,20,78,fd,3b,5c,d6,\
1b,4c,9f,ea,98,3a,01,96,39,ea,04,00,00,00,00,00,00,00,00,00,00,00,00,00,\
00,6d,00,73,00,5f,00,77,00,66,00,70,00,6c,00,77,00,66,00,5f,00,6c,00,6f,00,\
77,00,65,00,72,00,00,00,00,00,00,00,00,00,00,00,60,64,0d,b7,35,36,42,4d,b8,\
66,b8,ab,1a,24,45,4c,04,00,00,00,00,00,00,00,00,00,00,00,00,00,00,6d,00,\
73,00,5f,00,77,00,66,00,70,00,6c,00,77,00,66,00,5f,00,75,00,70,00,70,00,65,\
00,72,00,\
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00,73,00,65,00,72,00,76,00,65,00,72,00,00,00,00,00,00,00,00,00,00,00,00,\
00,00,9a,cf,75,e4,cd,60,39,44,a7,5f,00,79,ce,0e,18,a1,04,00,00,00,00,00,00,\
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65,00,77,00,69,00,66,00,69,00,70,00,00,00,00,00,00,00,00,00,00,00,00,00,16,\
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0e,d6,05,42,04,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,6d,00,73,00,5f,\
00,70,00,61,00,63,00,65,00,72,00,00,00,00,00,00,00,00,00,00,00,00,00,00,\
00,00,1b,9a,70,1c,c1,9e,d9,48,9b,0b,6f,0a,3c,81,fe,33,04,00,00,00,00,00,00,\

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6e,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,cf,ac,07,7e,6a,44,53,4f,b1,\
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73,00,5f,00,73,00,74,00,65,00,65,00,6c,00,68,00,65,00,61,00,64,00,00,00,00,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,a5,84,a2,b2,40,21,c7,4c,b6,d3,56,4c,\
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00,72,00,61,00,73,00,73,00,72,00,76,00,00,00,00,00,00,00,00,00,00,00,00,\
00,00,79,b5,a6,0c,73,00,72,4f,b5,3b,9d,ad,11,fb,f6,b6,04,00,00,00,00,00,00,\
00,28,00,00,00,00,00,00,00,6d,00,73,00,5f,00,6e,00,65,00,74,00,62,00,69,00,\
6f,00,73,00,00,00,00,00,00,00,00,00,00,97,ca,94,e5,7c,f8,7e,49,85,\
b8,22,61,8a,d7,05,16,03,00,00,00,00,00,00,00,80,00,00,00,00,00,00,6d,00,\
73,00,5f,00,6d,00,73,00,63,00,6c,00,69,00,65,00,6e,00,74,00,00,00,00,00,\
00,00,00,00,15,08,06,65,98,32,78,41,95,75,58,2f,79,3f,2e,1c,02,00,00,00,\
00,00,00,00,28,00,00,00,00,00,00,00,6d,00,73,00,5f,00,6e,00,64,00,69,00,73,\
00,75,00,69,00,6f,00,00,00,00,00,00,00,00,00,00,00,10,95,9d,71,1e,ef,\
8c,4d,b5,2b,16,3e,b7,60,35,03,02,00,00,00,00,00,00,00,00,00,00,00,00,00,\
00,6d,00,73,00,5f,00,69,00,6d,00,70,00,6c,00,61,00,74,00,00,00,00,00,00,\
00,00,00,00,00,00,00,16,c2,cf,6c,32,69,72,46,bc,88,a0,ee,e2,15,da,da,02,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,6d,00,73,00,5f,00,6c,00,6c,00,\
64,00,70,00,00,00,00,00,00,00,00,00,00,00,1d,70,c8,f4,40,67,a5,47,ac,5e,5a,\
1f,c2,f0,d8,3d,02,00,00,00,00,00,00,00,28,00,00,00,00,00,00,6d,00,73,00,\
5f,00,74,00,63,00,70,00,69,00,70,00,36,00,5f,00,74,00,75,00,6e,00,6e,00,65,\
00,6c,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,40,88,53,21,01,9b,\
a3,4d,bd,db,77,f2,31,68,60,00,02,00,00,00,00,00,00,00,00,28,00,00,00,00,00,\
00,6d,00,73,00,5f,00,74,00,63,00,70,00,69,00,70,00,5f,00,74,00,75,00,6e,00,\
6e,00,65,00,6c,00,00,00,00,00,00,00,00,00,00,00,18,a4,c3,23,e4,11,05,4e,97,\
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73,00,5f,00,6c,00,6c,00,74,00,64,00,69,00,6f,00,00,00,00,00,00,00,00,00,\
00,00,00,00,78,73,bc,e2,98,d8,eb,49,a3,f8,7a,b1,4e,4b,5a,1c,02,00,00,00,\
00,00,00,00,00,00,00,00,00,00,00,00,6d,00,73,00,5f,00,72,00,73,00,70,00,6e,\
00,64,00,72,00,00,00,00,00,00,00,00,00,00,00,00,00,16,b4,ea,1a,5d,ec,\
7c,4e,8c,37,99,a3,25,5c,53,f5,02,00,00,00,00,00,00,00,00,28,00,00,00,00,00,\
00,6d,00,73,00,5f,00,6e,00,64,00,69,00,73,00,77,00,61,00,6e,00,6c,00,65,00,\
67,00,61,00,63,00,79,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,38,\
c0,b5,dc,25,11,dc,40,9c,99,56,19,11,9f,c8,c8,02,00,00,00,00,00,00,00,28,00,\
00,00,00,00,00,00,6d,00,73,00,5f,00,70,00,70,00,70,00,6f,00,65,00,00,00,\
00,00,00,00,00,00,00,00,00,00,00,00,6d,2e,44,d0,7a,19,a4,44,b1,71,99,d6,\
45,b4,63,db,02,00,00,00,00,00,00,00,38,00,00,00,00,00,00,6d,00,73,00,5f,\
00,70,00,70,00,74,00,70,00,00,00,00,00,00,00,00,00,00,00,7d,3e,a5,ce,f4,81,\
4c,44,91,fb,32,87,09,63,c4,0f,02,00,00,00,00,00,00,00,00,38,00,00,00,00,00,\
00,6d,00,73,00,5f,00,61,00,67,00,69,00,6c,00,65,00,76,00,70,00,6e,00,00,00,\

00,00,00,00,00,00,00,00,b7,a4,a0,f0,cf,27,8f,49,b3,0f,bf,c7,85,2d,76,eb,02,\
00,00,00,00,00,00,00,00,38,00,00,00,00,00,00,00,6d,00,73,00,5f,00,73,00,73,00,\
74,00,70,00,00,00,00,00,00,00,00,00,00,00,fc,67,b1,e8,9d,f1,d4,4e,a1,26,e6,\

a3,27,cd,2f,66,02,00,00,00,00,00,00,00,00,38,00,00,00,00,00,00,00,6d,00,73,00,\
5f,00,6c,00,32,00,74,00,70,00,00,00,00,00,00,00,00,00,00,00,d7,f3,81,af,7b,\
05,56,46,92,49,e6,ec,91,4a,93,94,02,00,00,00,00,00,00,00,00,28,00,00,00,00,00,\
00,00,6d,00,73,00,5f,00,6e,00,64,00,69,00,73,00,77,00,61,00,6e,00,00,00,00,\
00,00,00,00,00,00,00,00,00,00,61,e2,fa,9c,87,f7,32,4b,a2,4d,89,a3,2f,d3,e6,31,\
02,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,00,6d,00,73,00,5f,00,72,00,64,\
00,6d,00,61,00,5f,00,6e,00,64,00,6b,00,00,00,00,00,00,00,00,00,00,89,fe,\
cc,89,14,91,c7,48,b7,a8,6d,37,e3,10,f7,f6,02,00,00,00,00,00,00,00,38,00,00,\
00,00,00,00,00,6d,00,73,00,5f,00,6e,00,65,00,74,00,62,00,74,00,5f,00,73,00,\
6d,00,62,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,cf,f1,5c,6a,bf,\
48,ae,4f,88,23,3c,c5,78,d8,7d,8c,02,00,00,00,00,00,00,00,28,00,00,00,00,00,\
00,00,6d,00,73,00,5f,00,6e,00,65,00,74,00,62,00,74,00,00,00,00,00,00,00,\
00,00,00,00,00,00,00,00,57,d3,25,2a,95,f1,f6,41,93,5c,36,54,d9,4b,1d,db,\
02,00,00,00,00,00,00,00,a0,00,00,00,00,00,00,00,00,6d,00,73,00,5f,00,74,00,63,\
00,70,00,69,00,70,00,36,00,00,00,00,00,00,00,00,00,00,00,00,00,00,03,ec,\
33,12,98,da,89,40,a1,1e,a3,cf,f3,72,76,03,02,00,00,00,00,00,00,00,a0,00,00,\
00,00,00,00,00,6d,00,73,00,5f,00,74,00,63,00,70,00,69,00,70,00,00,00,00,00,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,c8,1a,9d,06,f9,b1,17,4d,a4,9f,0c,2f,24,\
be,ca,df,00,00,00,00,00,00,00,00,00,00,09,00,00,00,00,00,00,00,6a,00,6e,00,70,00,\
72,00,76,00,61,00,6d,00,67,00,72,00,00,00,00,00,00,00,52,00,4f,00,4f,00,54,\
00,5c,00,4a,00,4e,00,50,00,52,00,56,00,41,00,4d,00,47,00,52,00,5c,00,30,00,\
30,00,30,00,30,00,00,00,a9,a3,11,a4,1e,ff,1f,41,bb,2f,fb,39,a2,df,80,eb,00,\
00,00,00,00,00,00,00,00,09,00,00,00,00,00,00,00,2a,00,69,00,73,00,61,00,74,00,\
61,00,70,00,00,00,53,00,57,00,44,00,5c,00,49,00,50,00,5f,00,54,00,55,00,4e,\
00,4e,00,45,00,4c,00,5f,00,56,00,42,00,55,00,53,00,5c,00,49,00,53,00,41,00,\
54,00,41,00,50,00,5f,00,32,00,00,00,e2,c0,dc,af,1b,d5,4e,4e,b8,80,39,d0,0b,\
fd,42,af,00,00,00,00,00,00,00,00,09,00,00,00,00,00,00,00,2a,00,69,00,73,00,\
61,00,74,00,61,00,70,00,00,00,53,00,57,00,44,00,5c,00,49,00,50,00,5f,00,54,\
00,55,00,4e,00,4e,00,45,00,4c,00,5f,00,56,00,42,00,55,00,53,00,5c,00,49,00,\
53,00,41,00,54,00,41,00,50,00,5f,00,31,00,00,00,66,e6,c8,56,5e,93,ae,4a,9c,\
65,0c,ae,96,1a,d6,8e,00,00,00,00,00,00,00,00,00,09,00,00,00,00,00,00,00,2a,00,\
74,00,65,00,72,00,65,00,64,00,6f,00,00,00,53,00,57,00,44,00,5c,00,49,00,50,\
00,5f,00,54,00,55,00,4e,00,4e,00,45,00,4c,00,5f,00,56,00,42,00,55,00,53,00,\
5c,00,54,00,45,00,52,00,45,00,44,00,4f,00,5f,00,54,00,55,00,4e,00,4e,00,45,\
00,4c,00,5f,00,44,00,45,00,56,00,49,00,43,00,45,00,00,00,fa,9d,94,46,a4,c1,\
37,4d,a9,45,cd,ac,fa,5a,81,ae,00,00,00,00,00,00,00,00,09,00,00,00,00,00,\
00,2a,00,69,00,73,00,61,00,74,00,61,00,70,00,00,00,53,00,57,00,44,00,5c,00,\
49,00,50,00,5f,00,54,00,55,00,4e,00,4e,00,45,00,4c,00,5f,00,56,00,42,00,55,\

00,53,00,5c,00,49,00,53,00,41,00,54,00,41,00,50,00,5f,00,30,00,00,00,8c,e1,\
a2,2e,65,c5,c0,46,af,dc,a4,96,a7,57,19,0d,00,00,00,00,00,00,00,09,00,00,\
00,00,00,00,00,62,00,74,00,68,00,5c,00,6d,00,73,00,5f,00,72,00,66,00,63,00,\
6f,00,6d,00,6d,00,00,00,00,00,00,00,42,00,54,00,48,00,5c,00,4d,00,53,00,5f,\

00,52,00,46,00,43,00,4f,00,4d,00,4d,00,5c,00,38,00,26,00,32,00,30,00,46,00,\
33,00,38,00,45,00,42,00,34,00,26,00,30,00,26,00,30,00,00,00,00,00,00,00,\
00,29,3e,2d,fe,33,92,67,4c,a1,f8,2c,9a,ee,7b,af,3e,00,00,00,00,00,00,00,\
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00,68,00,70,00,61,00,6e,00,00,00,00,00,00,00,42,00,54,00,48,00,5c,00,4d,00,\
53,00,5f,00,42,00,54,00,48,00,50,00,41,00,4e,00,5c,00,38,00,26,00,32,00,30,\
00,46,00,33,00,38,00,45,00,42,00,34,00,26,00,30,00,26,00,32,00,00,00,00,00,\
00,00,00,00,99,b7,3e,6b,ad,f9,14,47,af,5c,20,d0,11,06,0e,69,00,00,00,00,00,\
00,00,00,84,00,00,00,00,00,00,00,70,00,63,00,69,00,5c,00,76,00,65,00,6e,00,\
5f,00,38,00,30,00,38,00,36,00,26,00,64,00,65,00,76,00,5f,00,31,00,30,00,64,\
00,33,00,00,00,00,00,00,50,00,43,00,49,00,5c,00,56,00,45,00,4e,00,5f,00,\
38,00,30,00,38,00,36,00,26,00,44,00,45,00,56,00,5f,00,31,00,30,00,44,00,33,\
00,26,00,53,00,55,00,42,00,53,00,59,00,53,00,5f,00,30,00,37,00,44,00,30,00,\
31,00,35,00,41,00,44,00,26,00,52,00,45,00,56,00,5f,00,30,00,30,00,5c,00,30,\
00,30,00,30,00,43,00,32,00,39,00,46,00,46,00,46,00,46,00,44,00,41,00,30,00,\
43,00,34,00,32,00,30,00,30,00,00,00,8d,92,18,87,eb,cb,ea,45,a6,21,80,0a,92,\
49,00,1d,00,00,00,00,00,00,00,09,00,00,00,00,00,00,00,72,00,6f,00,6f,00,\
74,00,5c,00,6b,00,64,00,6e,00,69,00,63,00,00,00,00,00,52,00,4f,00,4f,00,54,\
00,5c,00,4b,00,44,00,4e,00,49,00,43,00,5c,00,30,00,30,00,30,00,30,00,00,00,\
00,00,00,00,00,00,00,00,38,00,00,00,00,00,00,00,00,00,00,00,00,00,29,\
00,08,00,\
00,00,00,00,00,00,28,00,00,00,00,00,00,00,08,00,00,00,00,00,00,00,29,00,00,\
00,00,00,00,00,04,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,04,00,00,00,\
00,00,00,00,29,00,00,00,00,00,00,00,03,00,00,00,00,00,00,28,00,00,00,00,\
00,00,00,03,00,00,00,00,00,00,29,00,00,00,00,00,00,01,00,00,00,00,00,\
00,00,28,00,00,00,00,00,00,01,00,00,00,00,00,00,29,00,00,00,00,00,\
00,05,00,00,00,00,00,00,20,00,00,00,00,00,00,05,00,00,00,00,00,00,\
1f,00,00,00,00,00,00,00,05,00,00,00,00,00,00,00,1d,00,00,00,00,00,05,\
00,00,00,00,00,00,1e,00,00,00,00,00,00,0c,00,00,00,00,00,00,1e,00,\
00,00,00,00,00,00,0d,00,00,00,00,00,00,00,20,00,00,00,00,00,00,0d,00,00,\
00,00,00,00,00,1f,00,00,00,00,00,00,0d,00,00,00,00,00,00,1d,00,00,00,\
00,00,00,00,0d,00,00,00,00,00,00,1e,00,00,00,00,00,00,11,00,00,00,00,\
00,00,00,22,00,00,00,00,00,00,11,00,00,00,00,00,00,23,00,00,00,00,00,\
00,00,11,00,00,00,00,00,00,24,00,00,00,00,00,00,11,00,00,00,00,00,\
00,25,00,00,00,00,00,00,20,00,00,00,00,00,00,27,00,00,00,00,00,00,\
20,00,00,00,00,00,00,28,00,00,00,00,00,00,20,00,00,00,00,00,29,\
00,00,00,00,00,00,1f,00,00,00,00,00,00,22,00,00,00,00,00,1f,00,\

00,00,00,00,00,00,23,00,00,00,00,00,00,00,00,1f,00,00,00,00,00,00,00,24,00,00,\
00,00,00,00,00,1f,00,00,00,00,00,00,00,00,25,00,00,00,00,00,00,00,1f,00,00,00,\
00,00,00,00,27,00,00,00,00,00,00,00,1f,00,00,00,00,00,00,00,28,00,00,00,00,\
00,00,00,1f,00,00,00,00,00,00,00,29,00,00,00,00,00,00,00,1c,00,00,00,00,00,\
00,00,27,00,00,00,00,00,00,00,1c,00,00,00,00,00,00,00,28,00,00,00,00,00,\

00,1c,00,00,00,00,00,00,00,29,00,00,00,00,00,00,00,16,00,00,00,00,00,00,00,\
27,00,00,00,00,00,00,00,16,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,16,\
00,00,00,00,00,00,00,00,29,00,00,00,00,00,00,00,14,00,00,00,00,00,00,00,27,00,\
00,00,00,00,00,00,14,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,14,00,00,\
00,00,00,00,00,29,00,00,00,00,00,00,00,13,00,00,00,00,00,00,00,27,00,00,00,\
00,00,00,00,13,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,13,00,00,00,00,\
00,00,00,29,00,00,00,00,00,00,00,10,00,00,00,00,00,00,00,27,00,00,00,00,00,\
00,00,10,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,10,00,00,00,00,00,\
00,29,00,00,00,00,00,00,00,0f,00,00,00,00,00,00,00,27,00,00,00,00,00,00,00,\
0f,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,0f,00,00,00,00,00,00,00,29,\
00,00,00,00,00,00,00,00,0e,00,00,00,00,00,00,00,27,00,00,00,00,00,00,00,0e,00,\
00,00,00,00,00,00,28,00,00,00,00,00,00,00,0e,00,00,00,00,00,00,00,29,00,00,\
00,00,00,00,00,1e,00,00,00,00,00,00,00,20,00,00,00,00,00,00,00,1e,00,00,00,\
00,00,00,00,1f,00,00,00,00,00,00,00,05,00,00,00,00,00,00,00,02,00,00,00,00,\
00,00,00,01,00,00,00,00,00,00,00,29,00,00,00,00,00,00,00,02,00,00,00,00,00,\
00,00,0f,00,00,00,00,00,00,00,29,00,00,00,00,00,00,00,02,00,00,00,00,00,\
00,01,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,02,00,00,00,00,00,00,00,\
0f,00,00,00,00,00,00,00,28,00,00,00,00,00,00,00,02,00,00,00,00,00,00,00,0f,\
00,00,00,00,00,00,00,00,27,00,00,00,00,00,00,00,21,00,00,00,00,00,00,00,00,00,\
00,01,00,00,\
00,00,00,00,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,\
72,00,65,00,2c,00,20,00,4c,00,4c,00,43,00,50,00,75,00,6c,00,73,00,65,00,20,\
00,53,00,65,00,63,00,75,00,72,00,65,00,00,00,00,00,00,00,01,00,00,00,00,00,\
00,00,01,00,\
00,02,00,00,00,00,00,00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,00,00,00,\
00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,01,00,00,00,00,00,00,00,\
00,01,00,\
00,05,00,00,\
00,\
00,00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,00,\
00,00,00,00,06,00,00,00,00,00,00,00,00,00,01,00,00,00,00,00,00,00,00,00,00,00,\
00,\
00,\
00,\
00,01,00,\
09,00,\
00,\
00,\


```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Network\{4d36e974-e325-11ce-bfc1-08002be10318}\{C02D1E54-FBAB-46BB-8052-BE25AB90C99A}\Ndi]
```

```
"FilterType"=dword:00000002
```

```
"FilterRunType"=dword:00000002
```

```
"CoServices"=hex(7):6a,00,6e,00,70,00,72,00,6e,00,73,00,00,00,00,00
```

```
"HelpText"="Juniper Network Service"
```

```
"FilterClass"="jnprns"
```

```
"Service"="jnprns"
```

```
"TimeStamp"=hex:e0,07,01,00,02,00,05,00,10,00,2e,00,1a,00,4f,01
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Network\{4d36e974-e325-11ce-bfc1-08002be10318}\{C02D1E54-FBAB-46BB-8052-BE25AB90C99A}\Ndi\Interfaces]
```

```
"UpperRange"="noupper"
```

```
"LowerRange"="nolower"
```

```
"LowerExclude"="ndisatm, ndiscowan, ndiswan, ndiswanasync, ndiswanipv6, ndiswanipx, ndiswannbf, ndiswanbh"
```

```
"FilterMediaTypes"="ethernet, wan, jnprncva"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Control\Network\RefNames]
```

```
"Pulse Secure, LLC\Pulse Secure"="Pulse Secure"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Enum\ROOT\JNPRVAMGR]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Enum\ROOT\JNPRVAMGR\0000]
```

```
"ClassGUID"="{4d36e972-e325-11ce-bfc1-08002be10318}"
```

```
"HardwareID"=hex(7):6a,00,6e,00,70,00,72,00,76,00,61,00,6d,00,67,00,72,00,00,\00,00,00
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\BITS]
```

```
"Start"=dword:00000002
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\dot3svc]
```

```
"Start"=dword:00000002
```

```
"Type"=dword:00000010
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\EapHost\Methods\2636]
```

```
@="Pulse Secure"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\Eaphost\Methods\2636\21]
```

```
"PeerFriendlyName"="EAP-TTLS"
```

```
"PeerDllPath"=hex(2):43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,6d,\00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,00,\
```

```
5c,00,43,00,6f,00,6d,00,6d,00,6f,00,6e,00,20,00,46,00,69,00,6c,00,65,00,73,\
00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,00,\
65,00,5c,00,38,00,30,00,32,00,31,00,78,00,41,00,63,00,63,00,65,00,73,00,73,\
00,4d,00,65,00,74,00,68,00,6f,00,64,00,5c,00,4a,00,4e,00,50,00,52,00,54,00,\
74,00,6c,00,73,00,50,00,72,00,6f,00,76,00,69,00,64,00,65,00,72,00,2e,00,64,\
00,6c,00,6c,00,00,00
```

```
"Properties"=dword:00280000
```

```
"PeerInvokeUsernameDialog"=dword:00000000
```

```
"PeerInvokePasswordDialog"=dword:00000000
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns]
```

```
"Type"=dword:00000001
```

```
"Start"=dword:00000001
```

```
"ErrorControl"=dword:00000001
```

```
"Tag"=dword:0000001a
```

```
"ImagePath"=hex(2):5c,00,53,00,79,00,73,00,74,00,65,00,6d,00,52,00,6f,00,6f,00,\
74,00,5c,00,73,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,00,44,00,52,\
00,49,00,56,00,45,00,52,00,53,00,5c,00,6a,00,6e,00,70,00,72,00,6e,00,73,00,\
2e,00,73,00,79,00,73,00,00,00
```

```
"DisplayName"="@oem10.inf,%jnprnsService_Desc%;Juniper Network Service"
```

```
"Group"="NDIS"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters]
```

```
"AllowInvalid8023FramesToPass"="false"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Adapters]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Adapters\{6B3EB799-F9AD-4714-AF5C-20D011060E69}]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Adapters\{6B3EB799-F9AD-4714-AF5C-20D011060E69}\{C02D1E54-FBAB-46BB-8052-BE25AB90C99A}-0000]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Adapters\{8718928D-CBEB-45EA-A621-800A9249001D}]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Adapters\{8718928D-CBEB-45EA-A621-800A9249001D}\{C02D1E54-FBAB-46BB-8052-BE25AB90C99A}-0000]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\Interfaces]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\NdisAdapters]
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprns\Parameters\NdisAdapters\{6B3EB799-F9AD-4714-AF5C-20D011060E69}]
```

```
"InterfaceGuid"=hex:b4,60,4a,09,08,f0,e4,11,82,52,3c,15,c2,d1,f0,25
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprTdi_821_227]
```

```
"Type"=dword:00000001
```

```
"Start"=dword:00000004
```

```
"ErrorControl"=dword:00000001
```

```
"Tag"=dword:00000009
```

```
"ImagePath"=hex(2):5c,00,3f,00,3f,00,5c,00,43,00,3a,00,5c,00,57,00,69,00,6e,00,\  
64,00,6f,00,77,00,73,00,5c,00,73,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,\  
00,5c,00,44,00,72,00,69,00,76,00,65,00,72,00,73,00,5c,00,6a,00,6e,00,70,00,\  
72,00,54,00,64,00,69,00,5f,00,38,00,32,00,31,00,5f,00,32,00,32,00,37,00,2e,\  
00,73,00,79,00,73,00,00,00
```

```
"DisplayName"="Pulse Secure TDI Filter Driver (jnprTdi_821_227)"
```

```
"Group"="PNP_TDI"
```

```
"DependOnService"=hex(7):54,00,63,00,70,00,69,00,70,00,00,00,00,00
```

```
"WOW64"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\jnprVaMgr]
```

```
"Type"=dword:00000001
```

```
"Start"=dword:00000003
```

```
"ErrorControl"=dword:00000001
```

```
"Tag"=dword:00000035
```

```
"ImagePath"=hex(2):5c,00,53,00,79,00,73,00,74,00,65,00,6d,00,52,00,6f,00,6f,00,\  
74,00,5c,00,73,00,79,00,73,00,74,00,65,00,6d,00,33,00,32,00,5c,00,44,00,52,\  
00,49,00,56,00,45,00,52,00,53,00,5c,00,6a,00,6e,00,70,00,72,00,76,00,61,00,\  
6d,00,67,00,72,00,2e,00,73,00,79,00,73,00,00,00
```

```
"DisplayName"="@oem12.inf,%JnprVaMgr.Service.DispName%;Juniper Networks Virtual Adapter Manager  
Service"
```

```
"Group"="Extended Base"
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\NdisWan\Linkage]
```

```
"Bind"=hex(7):00,00
```

```
"Route"=hex(7):00,00
```

```
"Export"=hex(7):5c,00,44,00,65,00,76,00,69,00,63,00,65,00,5c,00,4e,00,64,00,69,\  
00,73,00,57,00,61,00,6e,00,00,00,00,00
```

```
[HKEY_LOCAL_MACHINE\System\CurrentControlSet\Services\PulseSecureService]
```

```
"Group"="TDI"
```

```
"Type"=dword:00000010
```

```

"Start"=dword:00000002
"ErrorControl"=dword:00000001
"ImagePath"=hex(2):22,00,43,00,3a,00,5c,00,50,00,72,00,6f,00,67,00,72,00,61,00,\
6d,00,20,00,46,00,69,00,6c,00,65,00,73,00,20,00,28,00,78,00,38,00,36,00,29,\
00,5c,00,43,00,6f,00,6d,00,6d,00,6f,00,6e,00,20,00,46,00,69,00,6c,00,65,00,\
73,00,5c,00,50,00,75,00,6c,00,73,00,65,00,20,00,53,00,65,00,63,00,75,00,72,\
00,65,00,5c,00,4a,00,55,00,4e,00,53,00,5c,00,50,00,75,00,6c,00,73,00,65,00,\
53,00,65,00,63,00,75,00,72,00,65,00,53,00,65,00,72,00,76,00,69,00,63,00,65,\
00,2e,00,65,00,78,00,65,00,22,00,00,00
"DisplayName"="Pulse Secure Service"

"ObjectName"="LocalSystem"
"Description"="Manages Pulse Secure Software"
"FailureActions"=hex:00,00,00,00,01,00,00,00,01,00,00,00,03,00,00,00,14,00,00,\
00,01,00,00,00,00,00,00,01,00,00,00,00,00,00,01,00,00,00,00,00,00,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PulseSecureClient]
@="URL:Pulse Secure Desktop Client"
"URL Protocol"=""
"EditFlags"=hex:00,00,01,00

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PulseSecureClient\shell]

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PulseSecureClient\shell\open]

[HKEY_LOCAL_MACHINE\SOFTWARE\Classes\PulseSecureClient\shell\open\command]
@="\"C:\Program Files (x86)\Common Files\Pulse Secure\JamUI\Pulse.exe\" %1"

```

Pulse Secure Client Files for macOS

Pulse Secure Client Setup:

Location: ~/Library/Application Support/Pulse Secure/SetupClient

```

├─ DSCOMPMGR_LOCK
├─ DSSETUPCLIENT_MUTEX
├─ PulseCompMgr
├─ PulseSetupClient.app
│   └─ Contents
│       └─ CodeResources -> _CodeSignature/CodeResources
│       └─ Info.plist
│       └─ MacOS
│           └─ PulseSetupClient
│           └─ PkgInfo

```

```

|   |   |   Resources
|   |   |   |   DSPACSupport.js
|   |   |   |   English.lproj
|   |   |   |   |   MainMenu.nib
|   |   |   |   PulseSetupClient.sdef
|   |   |   |   SetupClientStatus.nib
|   |   |   |   SetupWarning.nib
|   |   |   |   setupResource_de.strings
|   |   |   |   setupResource_en.strings
|   |   |   |   setupResource_es.strings
|   |   |   |   setupResource_fr.strings
|   |   |   |   setupResource_ja.strings
|   |   |   |   setupResource_ko.strings
|   |   |   |   setupResource_zh.strings
|   |   |   |   |   setupResource_zh_cn.strings
|   |   |   |   _CodeSignature
|   |   |   |   CodeResources
|   |   |   juniperSetupDll.dylib

```

Pulse Secure Installer:

Location: /Applications/Pulse Secure.app

/Library/LaunchDaemons/net.pulsesecure.UninstallPulse.plist

/Library/Application\ Support/Pulse\ Secure/Pulse/Uninstall.app

```

└─ Contents
  └─ Resources
    └─ SaveConfigPrompt.app
      └─ Contents
        └─ Info.plist
        └─ MacOS
          └─ applet
            └─ Resources
              └─ applet.icns
              └─ applet.rsrc
            └─ Scripts
              └─ main.scpt
        └─ Scripts
          └─ main.scpt

```

- |
- └─ applet.icns
- └─ applet.rsrc
- └─ de.lproj
 - | └─ Localizable.strings
- |
- └─ en.lproj
 - | └─ Localizable.strings
- |
- └─ es.lproj
 - | └─ Localizable.strings
- |
- └─ fr.lproj
 - | └─ Localizable.strings
- |
- └─ ja.lproj
- |
- └─ Localizable.strings
- |
- └─ ko.lproj
 - | └─ Localizable.strings
- |
- └─ sem_delete.pl
- └─ shmop
- └─ uninstall.sh
- └─ uninstaller
- └─ zh_CN.lproj
 - | └─ Localizable.strings
- |
- └─ zh_TW.lproj
 - | └─ Localizable.strings

/Applications/Pulse Secure.app/

└─ Contents

└─ Resources

- └─ PulseInstaller.dep
- └─ PulseSecureCoreVersion.ini
- └─ PulseSecureVersion.ini
- └─ TMVersion.ini
- └─ TnccVersion.ini
- └─ UACNCVersion.ini

JUNS Plugin:

/Library/LaunchDaemons/net.pulsesecure.AccessService.plist

shared memory object: /Pulse Secure/debuglog.shm

Logging semaphore: /var/log/Pulse Secure/Logging/

/Applications/Pulse Secure.app/

- └─ Contents
 - └─ Plugins
 - └─ JUNS
 - └─ LogsAndDiagnostics.sh
 - └─ MessageCatalogCommon_DE.txt
 - └─ MessageCatalogCommon_EN.txt
 - └─ MessageCatalogCommon_ES.txt
 - └─ MessageCatalogCommon_FR.txt
 - └─ MessageCatalogCommon_IT.txt
 - └─ MessageCatalogCommon_JA.txt
 - └─ MessageCatalogCommon_KO.txt
 - └─ MessageCatalogCommon_PL.txt
 - └─ MessageCatalogCommon_ZH-CN.txt
 - └─ MessageCatalogCommon_ZH.txt
 - └─ access.ini
 - └─ dsAccessService
 - └─ interfaces
 - └─ {0686490E-1C1B-49BB-99C8-4159B0387278} -> ../../JamUI/uiPromptPluginPS.dylib
 - └─ {08B208CF-EABD-4BE5-88C0-2ADBB0D75E84} -> ../../JamUI/uiPromptPluginPS.dylib
 - └─ {0A407658-288A-48A9-86E4-59FE723BF6DF} -> ../../JamUI/uiPromptPluginPS.dylib


```

└─ {0E771B43-7518-4E40-8558-FF0769996C2D} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {125A14B1-07D4-4D54-B378-F574CCC686AE} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {2C43482F-6F8E-46D2-8FDC-DBE8B3FC9560} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {38B04A53-C2D1-4B1C-9BE7-3F67F839ECC0} ->
../../ConnectionStore/ConnectionStoreServicePS.dylib
└─ {3E6FC4E0-C149-4E07-8679-1F019BCB12BA} -> /Applications/Pulse
Secure.app/Contents/Plugins/TnccPlugin/HostCheckerServicePS.dylib
└─ {44090970-D42F-4B80-A44B-117AC24B7626} -> ../../JamUI/uiModelServicePS.dylib
└─ {4CBB168F-3886-49F7-8602-1B9769A7150C} -> ../libdsAccessServicePS.dylib
└─ {4FEB6927-4918-48BD-865C-6F576795547F} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {5669C0F7-C43F-4E79-AAA2-81C72067EA20} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {5AF8DF2D-3F88-4C68-8D41-C103B2A6B166} -> ../libdsAccessServicePS.dylib
└─ {5BEF0266-7AE5-452B-B6DD-2070381DA952} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {5CB47B71-4E63-4822-B0BD-65A9AD363D93} -> ../../JamUI/uiModelServicePS.dylib
└─ {5FEE7FE9-F273-4D77-AE00-81D6F3FA0188} -> ../libdsAccessServicePS.dylib
└─ {61FE4786-084E-4598-8F16-30DED15B6125} -> ../libdsAccessServicePS.dylib
└─ {91DD713B-801E-43B2-88D1-2C1CC7827936} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {93DBDC46-C99C-4266-A871-9208213282A1} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {A36A6A63-33C9-41A5-85A8-FB5CB4D1302D} -> ../../JamUI/uiModelServicePS.dylib
└─ {A915D786-7A01-445D-A37B-2751A66AA62D} -> /Applications/Pulse
Secure.app/Contents/Plugins/TnccPlugin/HostCheckerServicePS.dylib
└─ {B284C66D-1D9E-4E4F-8E3D-98AE9D6E5F9A} -> ../libdsAccessServicePS.dylib
└─ {BDDE791B-B8B5-4B20-A65E-17B38C537BC2} -> ../libdsAccessServicePS.dylib
└─ {BF5341D5-D43B-4A6F-A904-78D44B6B2EB5} -> /Applications/Pulse
Secure.app/Contents/Plugins/TnccPlugin/HostCheckerServicePS.dylib
└─ {C74D0078-6B9F-4928-BF49-163F885B1332} -> ../../JamUI/uiModelServicePS.dylib
└─ {DC5D8B78-4C89-43B3-83FA-E4D3000352A1} -> ../../JamUI/uiPromptPluginPS.dylib
└─ {F4F3404B-3474-470D-987D-BDAB0329EF46} ->
../../ConnectionStore/ConnectionStoreServicePS.dylib
└─ {F9C0A2DF-5D3F-448A-9F14-6903EAB54DD5} -> ../../JamUI/uiModelServicePS.dylib
└─ libdsAccessServicePS.dylib
└─ libdsNetworkMonitor.dylib
└─ versionInfo.ini

```

ConnectionStore Plugin:

/Applications/Pulse Secure.app

└─ Contents

└─ Plugins

└─ ConnectionStore

| └─ ConnectionStore.dep

| └─ ConnectionStoreServicePS.dylib

| └─ connectionStore.dylib

| └─ dcfDOM.dylib

| └─ versionInfo.ini

/Library/Application\ Support/Pulse\ Secure/Pulse

connstore.dat

connstore.bak

DeviceId

S-0.dat

S-0.bak

S-501.dat

S-501.bak

ConnectionManager Plugin:

/Applications/Pulse Secure.app

└─ Contents

└─ Plugins

└─ ConnectionManager

| └─ ConnectionManager.dep

| └─ MessageCatalogConnMgr_DE.txt

| └─ MessageCatalogConnMgr_EN.txt

| └─ MessageCatalogConnMgr_ES.txt

| └─ MessageCatalogConnMgr_FR.txt

| └─ MessageCatalogConnMgr_IT.txt

| └─ MessageCatalogConnMgr_JA.txt

| └─ MessageCatalogConnMgr_KO.txt

| └─ MessageCatalogConnMgr_PL.txt

| └─ MessageCatalogConnMgr_ZH-CN.txt

| └─ MessageCatalogConnMgr_ZH.txt

| └─ connectionMgr.dylib

- | └─ versionInfo.ini

eapService Plugin:

/Applications/Pulse Secure.app

- └─ Contents

- └─ Plugins

- └─ eapService

- └─ MessageCatalogEapAM_DE.txt

- └─ MessageCatalogEapAM_EN.txt

- └─ MessageCatalogEapAM_ES.txt

- └─ MessageCatalogEapAM_FR.txt

- └─ MessageCatalogEapAM_IT.txt

- └─ MessageCatalogEapAM_JA.txt

- └─ MessageCatalogEapAM_KO.txt

- └─ MessageCatalogEapAM_PL.txt

- └─ MessageCatalogEapAM_ZH-CN.txt

- └─ MessageCatalogEapAM_ZH.txt

- └─ eapService.dep

- └─ eapService.dylib

- └─ versionInfo.ini

TunnelManager:

/Applications/Pulse Secure.app/

- └─ Contents

- └─ Plugins

- | └─ TunnelManager

- | └─ TM.dep

- | └─ dsTMClient.dylib

- | └─ dsTMService.dylib

- | └─ versionInfo.ini

TnccPlugin:

/Applications/Pulse Secure.app/

- └─ Contents

- └─ Plugins

- | └─ TnccPlugin

- | └─ HCIMC.dylib

- | └─ HostCheckerServicePS.dylib
- | └─ MessageCatalogTncc_DE.txt
- | └─ MessageCatalogTncc_EN.txt
- | └─ MessageCatalogTncc_ES.txt
- | └─ MessageCatalogTncc_FR.txt
- | └─ MessageCatalogTncc_JA.txt
- | └─ MessageCatalogTncc_KO.txt
- | └─ MessageCatalogTncc_ZH-CN.txt
- | └─ MessageCatalogTncc_ZH.txt
- | └─ OPSWAT
 - | └─ UnifiedSDK.ini
 - | └─ doSilent.txt
 - | └─ libCoreUtils.dylib
 - | └─ libImplAntivirus.dylib
 - | └─ libImplFirewall.dylib
 - | └─ libImplSoftwareProduct.dylib
 - | └─ libOesisCore.dylib
 - | └─ tables.dat
- | └─ OpswatIMC.dylib
- | └─ TnccPlugin.dep
- | └─ hostChecker.dylib
- | └─ libhcUtils.dylib
- | └─ libdsWinClientDylib.dylib
- | └─ readme.txt
- | └─ tnc_config
- | └─ versionInfo.ini

iveConnectionMethod Plugin:

/Applications/Pulse Secure.app

└─ Contents

└─ Plugins

└─ iveConnectionMethod

└─ MessageCatalogIveAM_DE.txt

└─ MessageCatalogIveAM_EN.txt

└─ MessageCatalogIveAM_ES.txt

- └─ MessageCatalogIveAM_FR.txt
- └─ MessageCatalogIveAM_IT.txt
- └─ MessageCatalogIveAM_JA.txt
- └─ MessageCatalogIveAM_KO.txt
- └─ MessageCatalogIveAM_PL.txt
- └─ MessageCatalogIveAM_ZH-CN.txt
- └─ MessageCatalogIveAM_ZH.txt
- └─ iftProvider.dylib
- └─ iveConnMethod.dylib
- └─ iveConnectionMethod.dep
- └─ ncAccessMethod.dylib
- └─ versionInfo.ini

GUI:

/Library/LaunchAgents/net.pulsesecure.pulsetray.plist

/Applications/Pulse Secure.app/

- └─ Contents
 - └─ CodeResources
 - └─ Info.plist
 - └─ MacOS
 - └─ Pulse Secure
 - └─ PkgInfo
 - └─ Plugins
 - └─ JamUI
 - └─ JamUI.dep
 - └─ PulseTray.app
 - └─ Contents
 - └─ CodeResources
 - └─ Info.plist
 - └─ MacOS
 - └─ PulseTray
 - └─ PkgInfo
 - └─ Resources
 - └─ 16x16error.png
 - └─ English.lproj

- | | | | └─ DenyMessage.nib
- | | | | └─ InfoPlist.strings
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ French.lproj
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ German.lproj
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ Japanese.lproj
- | | | | └─ DenyMessage.nib

- | | | | └─ InfoPlist.strings
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ PulseVerbs.sdef
- | | | └─ Ko.lproj
- | | | | └─ DenyMessage.nib
- | | | | └─ InfoPlist.strings
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ PulseTray.png
- | | | └─ Spanish.lproj
- | | | | └─ MainMenu.nib
- | | | | └─ SplashScreen.nib
- | | | └─ alert.png
- | | | └─ errorsummarypage.html
- | | | └─ menubar_connected.png
- | | | └─ menubar_connecting1.png
- | | | └─ menubar_connecting2.png
- | | | └─ menubar_connecting3.png
- | | | └─ menubar_connecting4.png
- | | | └─ menubar_connecting5.png

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| | | └─ menubar_connecting6.png
| | | └─ menubar_error.png
| | | └─ menubar_error2.png
| | | └─ menubar_lightning.png
| | | └─ menubar_suspended.png
| | | └─ pulse.icns
| | | └─ pulse_menubar_01.png
| | | └─ pulse_menubar_02.png
| | | └─ pulse_menubar_03.png
| | | └─ pulse_menubar_04.png
| | | └─ pulse_menubar_05.png
| | | └─ pulse_menubar_06.png
| | | └─ pulse_menubar_Suspended.png

| | | └─ pulse_menubar_acclerated.png
| | | └─ pulse_menubar_connected.png
| | | └─ pulse_menubar_error.png
| | | └─ pulse_menubar_icon_GrayScaled.png
| | | └─ pulse_menubar_icon_colored.png
| | | └─ remediationpage.html
| | | └─ remediationpolicy.html
| | | └─ remediationsummarypage.html
| | | └─ space.png
| | | └─ zh-CN.lproj
| | |   └─ DenyMessage.nib
| | |   └─ InfoPlist.strings
| | |   └─ MainMenu.nib
| | |     └─ SplashScreen.nib
| | | └─ zh-TW.lproj
| | |   └─ DenyMessage.nib
| | |   └─ InfoPlist.strings
| | |   └─ MainMenu.nib
| | |     └─ SplashScreen.nib
| | └─ _CodeSignature

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| |   └─ CodeResources
| |   └─ jamCommand
| |   └─ pdv.app
| |   └─ Contents
| |     └─ Info.plist
| |     └─ MacOS
| |       └─ pdv
| |       └─ PkgInfo
| |       └─ Resources
| |         └─ ActiveConnections.nib
| |         └─ Connection.nib
| |         └─ English.lproj
| |           └─ InfoPlist.strings
| |           └─ MainMenu.nib

| |     └─ IveConnection.nib
| |     └─ NetworkInfo.nib
| |     └─ Pulse.nib
| |   └─ uiModelService.dylib
| |   └─ uiModelServicePS.dylib
| |   └─ uiPromptPlugin.dylib
| |   └─ uiPromptPluginPS.dylib
| |   └─ versionInfo.ini
└─ Resources
  └─ AdvancedItem.html
  └─ AdvancedPage.html
  └─ English.lproj
    └─ Connection.nib
    └─ InfoPlist.strings
    └─ MainMenu.nib
    └─ PulseStyle.plist
    └─ WXClient.nib
    └─ button_normal.png
    └─ button_selected.png

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- | └─ French.lproj
 - | | └─ Connection.nib
 - | | └─ MainMenu.nib
 - | | └─ WXClient.nib
 - | | └─ button_normal.png
 - | | └─ button_selected.png
- | └─ German.lproj
 - | | └─ Connection.nib
 - | | └─ MainMenu.nib
 - | | └─ WXClient.nib
 - | | └─ button_normal.png
 - | | └─ button_selected.png
- | └─ GradientAbout.bmp
- | └─ Japanese.lproj
 - | | └─ Connection.nib

- | | └─ InfoPlist.strings
- | | └─ MainMenu.nib
- | | └─ PulseStyle.plist
- | | └─ WXClient.nib
- | | └─ button_normal.png
- | | └─ button_selected.png
- | └─ PulseSecure.png
- | └─ PulseHelp.Help
 - | | └─ Contents
 - | | | └─ Info.plist
 - | | | └─ PkgInfo
 - | | | └─ Resources
 - | | | | └─ CN.lproj
 - | | | | | └─ pages
 - | | | | | | └─ access-control-connect-client-adding.html
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- | | | | | └─ access-control-connect-client-overview.html
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- | | | | | └─ pulse-help-home.html
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- | | | | | └─ standard.css.bak
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- | | | | | └─ access-control-connect-client-disconnect.html
- | | | | | └─ access-control-connect-client-edit-connection.html
- | | | | | └─ access-control-connect-client-forget-credentials.html
- | | | | | └─ access-control-connect-client-jtac-contacting.html
- | | | | | └─ access-control-connect-client-lan-accessing.html

- | | | | | └─ access-control-connect-client-log-file-annotating.html
- | | | | | └─ access-control-connect-client-log-file-saving.html
- | | | | | └─ access-control-connect-client-log-files.html
- | | | | | └─ access-control-connect-client-log-preference-setting.html
- | | | | | └─ access-control-connect-client-overview.html
- | | | | | └─ access-control-connect-client-remediation-info-viewing.html
- | | | | | └─ access-control-connect-client-session-extending.html
- | | | | | └─ access-control-connect-client-solve-connection-issue.html
- | | | | | └─ access-control-connect-client-tray-icon.html
- | | | | | └─ access-control-connect-client-ui.html

- | | | | | └─ access-control-connect-client-version-viewing.html
- | | | | | └─ access-control-connect-client-view-details.html
- | | | | | └─ access-control-connect-client-view-properties.html
- | | | | | └─ access-control-connect-smartcard-overview.html
- | | | | | └─ access-control-connect-soft-token.html
- | | | | | └─ access-control-delete-client-connection-status.html
- | | | | | └─ copyright.html
- | | | | | └─ help-files-index.html
- | | | | | └─ index.html
- | | | | | └─ pulse.html
- | | | | | └─ pulse-help-home.html
- | | | | | └─ sty
- | | | | | └─ standard.css
- | | | | | └─ standard.css.bak
- | | | └─ TW.lproj
- | | | └─ pages
- | | | | | └─ access-control-connect-client-adding.html
- | | | | | └─ access-control-connect-client-configuration-overview.html
- | | | | | └─ access-control-connect-client-connecting.html
- | | | | | └─ access-control-connect-client-delete-connection.html
- | | | | | └─ access-control-connect-client-disconnect.html
- | | | | | └─ access-control-connect-client-edit-connection.html
- | | | | | └─ access-control-connect-client-forget-credentials.html

- | | | | | └─ access-control-connect-client-jtac-contacting.html
- | | | | | └─ access-control-connect-client-lan-accessing.html
- | | | | | └─ access-control-connect-client-log-file-annotating.html
- | | | | | └─ access-control-connect-client-log-file-saving.html
- | | | | | └─ access-control-connect-client-log-files.html
- | | | | | └─ access-control-connect-client-log-preference-setting.html
- | | | | | └─ access-control-connect-client-overview.html
- | | | | | └─ access-control-connect-client-remediation-info-viewing.html
- | | | | | └─ access-control-connect-client-session-extending.html

- | | | | └─ access-control-connect-client-solve-connection-issue.html
- | | | | └─ access-control-connect-client-tray-icon.html
- | | | | └─ access-control-connect-client-ui.html
- | | | | └─ access-control-connect-client-version-viewing.html
- | | | | └─ access-control-connect-client-view-details.html
- | | | | └─ access-control-connect-client-view-properties.html
- | | | | └─ access-control-connect-smartcard-overview.html
- | | | | └─ access-control-connect-soft-token.html
- | | | | └─ access-control-delete-client-connection-status.html
- | | | | └─ copyright.html
- | | | | └─ help-files-index.html
- | | | | └─ index.html
- | | | | └─ pulse.html
- | | | └─ pulse-help-home.html
- | | | └─ sty
- | | | └─ standard.css
- | | | └─ standard.css.bak
- | | └─ shrd
- | | └─ 16x16error.png
- | | └─ 4296_sm.jpg
- | | └─ Thumbs.db
- | | └─ add.png
- | | └─ alert.png
- | | └─ delete.png
- | | └─ edit.png

- | | └─ g033468.gif
- | | └─ g033470.gif
- | | └─ jam_main.png
- | | └─ menubar_connected.png
- | | └─ menubar_connecting1.png
- | | └─ menubar_connecting2.png
- | | └─ menubar_connecting3.png
- | | └─ menubar_connecting4.png

- | | └─ menubar_connecting5.png
- | | └─ menubar_connecting6.png
- | | └─ menubar_error.png
- | | └─ menubar_lightning.png
- | | └─ note.gif
- | | └─ pulse_connected.png
- | | └─ pulse_connecting2.png
- | | └─ pulse_connecting_error.png
- | | └─ pulse_connecting_error2.png
- | | └─ pulse_menubar_01.png
- | | └─ pulse_menubar_02.png
- | | └─ pulse_menubar_03.png
- | | └─ pulse_menubar_04.png
- | | └─ pulse_menubar_05.png
- | | └─ pulse_menubar_06.png
- | | └─ pulse_menubar_acclerated.png
- | | └─ pulse_menubar_connected.png
- | | └─ pulse_menubar_error.png
- | | └─ pulse_menubar_icon_GrayScaled.png
- | | └─ pulse_menubar_icon_colored.png
- | | └─ pulse_menubar_icon_suspended.png
- | | └─ pulse_suspended.png
- | └─ PulseClient.png
- | └─ Ko.lproj
 - | | └─ Connection.nib
 - | | └─ InfoPlist.strings

- | | └─ MainMenu.nib
- | | └─ PulseStyle.plist
- | | └─ WXClient.nib
- | | └─ button_normal.png
- | | └─ button_selected.png
- | └─ MessageCatalogPulseUI_DE.txt
- | └─ MessageCatalogPulseUI_EN.txt

- | └─ MessageCatalogPulseUI_ES.txt
- | └─ MessageCatalogPulseUI_FR.txt
- | └─ MessageCatalogPulseUI_IT.txt
- | └─ MessageCatalogPulseUI_JA.txt
- | └─ MessageCatalogPulseUI_KO.txt
- | └─ MessageCatalogPulseUI_PL.txt
- | └─ MessageCatalogPulseUI_ZH-CN.txt
- | └─ MessageCatalogPulseUI_ZH.txt
- | └─ PulseProperties.sdef
- | └─ PulseResource_DE.txt
- | └─ PulseResource_EN.txt
- | └─ PulseResource_ES.txt
- | └─ PulseResource_FR.txt
- | └─ PulseResource_IT.txt
- | └─ PulseResource_JA.txt
- | └─ PulseResource_KO.txt
- | └─ PulseResource_PL.txt
- | └─ PulseResource_ZH-CN.txt
- | └─ PulseResource_ZH.txt
- | └─ PulseWindowHeader.png
- | └─ Spanish.lproj
 - | | └─ Connection.nib
 - | | └─ MainMenu.nib
 - | | └─ WXClient.nib
 - | | └─ button_normal.png
 - | | └─ button_selected.png
- | └─ edit.png

- | └─ errorsummarypage.html
- | └─ green_indicator.png
- | └─ pulse.icns
- | └─ pulse_connected.png
- | └─ pulse_connecting1.png
- | └─ pulse_connecting2.png

- | └─ pulse_connecting3.png
- | └─ pulse_connecting4.png
- | └─ pulse_connecting5.png
- | └─ pulse_connecting6.png
- | └─ pulse_connecting_error.png
- | └─ pulse_connecting_error2.png
- | └─ pulse_notconnected.png
- | └─ red_indicator.png
- | └─ remediationpage.html
- | └─ remediationpolicy.html
- | └─ remediationsummarypage.html
- | └─ selectionConnectionsSelected.png
- | └─ space.png
- | └─ watchpath
- | └─ yellow_indicator.png
- | └─ zh-CN.lproj
 - | | └─ Connection.nib
 - | | └─ InfoPlist.strings
 - | | └─ MainMenu.nib
 - | | └─ PulseStyle.plist
 - | | └─ WXClient.nib
 - | | └─ button_normal.png
 - | | └─ button_selected.png
- | └─ zh_TW.lproj
 - | | └─ Connection.nib
 - | | └─ InfoPlist.strings
 - | | └─ MainMenu.nib
 - | | └─ PulseStyle.plist
- | └─ WXClient.nib
- | └─ button_normal.png
- | └─ button_selected.png
- └─ _CodeSignature
 - └─ CodeResources

Kext Firewall:

/Applications/Pulse Secure.app/

```

└─ Contents
  └─ Plugins
    └─ Kext
      └─ PulseSecureFirewall.txt

```

Pulse Secure Client Files for Linux

The Pulse Secure Client files for Linux installed location:

/usr/local/pulse/

```

└─ html
  │ └─ css
  │   └─ bootstrap.min.css
  │   └─ bootstrap-theme.min.css
  │ └─ Fonts
  │   └─ glyphsicons-halflings-regular.eot
  │   └─ glyphsicons-halflings-regular.svg
  │   └─ glyphsicons-halflings-regular.ttf
  │   └─ glyphsicons-halflings-regular.woff
  │   └─ glyphsicons-halflings-regular.woff2
  │ └─ Images
  │   └─ Pulse-Secure128x128.png
  │   └─ Pulse Secure.html
  │   └─ Pulse-Secure-Logo-Small.png
  │   └─ Pulse-Secure.png
  │ └─ js
  │   └─ bootbox.min.js
  │   └─ bootstrap.min.js
  │   └─ jquery.min.js
  │   └─ prompt.js
  │ └─ about.html
  │ └─ advancedConnDetails.html
  │ └─ config.html
  │ └─ fail.html

```

- | └─ index.html
- | └─ manifest.json
- | └─ pulseUi.html
- | └─ schema.json
- | └─ showClientCerts.html
- └─ libpulseui.so
- └─ libpulseui.so_centos_6
- └─ libpulseui.so_centos_7
- └─ postinstall.log
- └─ PulseClient.sh
- └─ pulseddiag
- └─ pulsesvc
- └─ pulse.tgz
- └─ pulseUi
- └─ pulseUi_centos_6
- └─ pulseUi_centos_7
- └─ pulseutil
- └─ README
- └─ version.txt

Pulse Linux Client Files and Directory

The files and directory created under user or home directory:

Location: `~/pulse_secure/pulse/`

The files of the above directory are as follows:

`.pulse_Connections.txt`

`.pulse_status`

`pulsesvc.log`

Pulse Secure Setup Client Files for Windows

When a Windows user signs in to the Pulse Secure Access Service Appliance, the device attempts to install an ActiveX control (Pulse Secure Setup) on the user's system. If the device successfully installs Pulse Secure Setup, then Pulse Secure Setup manages the installation of Windows-based client applications.

Pulse Secure Setup Client Files for Windows – Installer Package

PulseSetupClient.cab

Pulse Secure Setup Client Files for Windows – Additional Package

The Pulse Secure Setup Client installs the following additional files in C:\Windows\Downloaded Program Files:

```
install.log
PulseExt.exe
PulseExt64.exe
PulseSetupClient.inf
PulseSetupClient.ocx
PulseSetupClient64.inf
PulseSetupClient64.ocx
PulseSetupClientCtrlUninstaller.exe
PulseSetupClientCtrlUninstaller64.exe
string_de.properties
string_en.properties
string_es.properties
string_fr.properties
string_ja.properties
string_ko.properties
string_zh.properties
string_zh_cn.properties
```

In addition, the following folder is created.

- C:\Documents and Settings\username\Application Data\Pulse Secure

If the administrator configures a list of Secure Access Services that the client can trust, this list of Secure Access Services is stored in the following files:

- %ProgramFiles%\Pulse Secure\Whitelist.txt (Windows)
- /usr/local/pulse/whitelist.txt (Macintosh and Linux)

In addition, users can themselves make the decision to trust a Pulse server. When the user makes a decision to trust a Pulse server, the service is added to the user whitelist. User whitelist files are located in:

- %AppData%\Pulse Secure\Whitelist.txt (Windows)
- ~/Library/Application Support/Pulse Secure/whitelist.txt (Macintosh)

Pulse Secure Setup Client Files for Windows – Registry Modifications

For Windows 7 and Windows 8, the following registry keys are created:

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ModuleUsage\C:/Windows/Downloaded Program Files/PulseExt64.exe]
```

```
".Owner"="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
"{583C990C-2D38-410c-9A4A-0932D66A754F}"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\ModuleUsage\C:/Windows/Downloaded Program Files/PulseSetupClient64.ocx]
```

```
".Owner"="{583C990C-2D38-410c-9A4A-0932D66A754F}"
```

```
"{583C990C-2D38-410c-9A4A-0932D66A754F}"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\SharedDLLs]
```

```
"C:\\Windows\\Downloaded Program Files\\PulseSetupClient64.ocx"=dword:00000001
```

```
"C:\\Windows\\Downloaded Program Files\\PulseExt64.exe"=dword:00000001
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}]
```

```
"SystemComponent"=dword:00000000
```

```
"Installer"="MSICD"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Contains]
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\Contains\Files]
```

```
"C:\\Windows\\Downloaded Program Files\\PulseSetupClient.ocx"=""
```

```
"C:\\Windows\\Downloaded Program Files\\PulseExt.exe"=""
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\DownloadInformation]
```

```
"CODEBASE"="https://pulsesecure.net/dana-cached/sc/PulseSetupClient.cab"
```

```
"INF"="C:\\Windows\\Downloaded Program Files\\PulseSetupClient.INF"
```

```
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Code Store Database\Distribution Units\{8E375A63-C616-46F1-AC77-59DF78F3A826}\InstalledVersion]
```

```
@="2.1.1.1"
```

```
"LastModified"="Mon, 27 Nov 2006 07:32:24 GMT"
```

```
[HKEY_LOCAL_MACHINE\Software\Wow6432Node\Microsoft\Internet Explorer\Low Rights\ElevationPolicy\{3EEDF1D3-9D79-4b3e-B8EB-84DB35D7F282}]
```

Pulse Secure Setup Client Files for Windows – Log File Location

For Windows 7 and Windows 8:

- C:\Users\username\AppData\Roaming\Pulse Secure\Logging\debuglog.log
- C:\Users\username\AppData\Local\Temp\Low\PulseSetupClientControl.log (for ActiveX logs)

For low-integrity processes, such as Internet Explorer 7, the ActiveX installer installs the following log files in C:\Users\username\AppData\Local\Temp\Low:

- PulseSetupClientCtrl.log
- PulseSetupDll.log

Pulse Secure Setup Client Files for macOS

Root directory: ~/Library/Application Support/Pulse Secure/SetupClient

 **Note:** The ~ represents the user's home directory.

```
DSCOMPMGR_LOCK
DSSETUPCLIENT_MUTEX
PulseCompMgr
PulseSetupClient.app/
  Info.plist
  MacOS/
    PulseSetupClient
    PulseSetupClient.dSYM
  PkgInfo
  Resources/
    DSPACSupport.js
    English.lproj
    PulseSetupClient.sdef
    SetupClientStatus.nib
    SetupWarning.nib
    setupResource_de.strings
    setupResource_en.strings
    setupResource_es.strings
    setupResource_fr.strings
    setupResource_ja.strings
    setupResource_ko.strings
    setupResource_zh.strings
    setupResource_h_cn.strings
    versionInfo.ini
  _CodeSignature/
    CodeResources
PulseSetupClient.ini
pulseSetupDll.dylib
juniperSetupDll.dylib
watchfile
```

Pulse Secure Setup Client Files for macOS – Log File Location

Root directory: ~/Library/Logs

Pulse Secure/Logging/debuglog.log

PulseSetupExt.log