



WinHorizon v1.1
Installation Guide

EVERTRUST

Table of Contents

1. Introduction	1
1.1. Description	1
1.2. Scope	1
1.3. Out of Scope	1
2. Specifications	2
2.1. Requirements	2
2.2. Prerequisites	2
3. Installation Procedure	4
4. Uninstallation Procedure	5
4.1. Uninstalling WinHorizon	5
4.2. Clean up	5
4.3. WinHorizon certificate revocation	5
5. Troubleshooting	6

1. Introduction

1.1. Description

WinHorizon is the EverTrust WCCE proxy solution part of EverTrust Horizon suite EverTrust. WinHorizon is powered up by:

- .NET Framework 4.6.1 or higher

This document is specific to WinHorizon version **1.1**.

1.2. Scope

This document is an installation procedure detailing how to install WinHorizon on a server.

1.3. Out of Scope

This document does not describe how to configure and operate a WinHorizon instance. Please refer to the administration guide for administration related tasks.

2. Specifications

You have to deploy at by Active Directory forest.

2.1. Requirements

2.1.1. Hardware requirements

The following elements are considered as hardware requirements:

- 50 GB of disk (at least);
- 4 GB of RAM (at least).

2.1.2. Operating system requirements

The operating system should be installed using an english install ISO. The following elements are considered as operating system requirements:

- Microsoft Windows Server 2012 (64-bit);
- Microsoft Windows Server 2012 R2 (64-bit);
- Microsoft Windows Server 2016 (64-bit);
- Microsoft Windows Server 2019 (64-bit).
- Microsoft Windows Server 2022 (64-bit).

2.1.3. Active Directory requirements

The following elements are considered as Active Directory system requirements:

- Active Directory Schema version: 30 or higher;
- Domain Controller(s) OS version: Microsoft Windows Server 2003 or higher;
- Forest functional level: Microsoft Windows Server 2003 or higher.

2.2. Prerequisites

This section describes the system and software pre-requisites to install WinHorizon.

2.2.1. System prerequisites

The following elements are considered as system pre-requisites:

- Server must be part of a domain of your Active Directory forest;
- Access with administrative privileges to the server mentioned above;

2.2.2. Client prerequisites

To be able to enroll using WCCE protocol through WinHorizon, the client machines must run one of the following operating systems:

- Microsoft Windows 10;
- Microsoft Windows 11;
- Microsoft Windows Server 2012;
- Microsoft Windows Server 2012 R2;
- Microsoft Windows Server 2016;
- Microsoft Windows Server 2019.
- Microsoft Windows Server 2022.

3. Installation Procedure

This section details how to install WinHorizon. WinHorizon is made with only one package:

- winhorizon-1.1.msi

1. Log in to the WinHorizon server with **administrative privileges**.
2. Double-click on **winhorizon-1.1.msi**.
3. The welcome screen of the install wizard appears. Click on **Next**.
4. The End-User License Agreement screen of the wizard appears. Click on **Next**.
5. Click **Install**
6. Click **Finish**

The installation results in the creation of:

- EverTrust WinHorizon Configurator application;
- EverTrust WinHorizon service (accessible using **services.msc**).

4. Uninstallation Procedure

4.1. Uninstalling WinHorizon

NOTE

Uninstalling WinHorizon consists in uninstalling:

- The EverTrust WinHorizon service;
- The EverTrust WinHorizon configuration application.

1. Log in to the WinHorizon server with **administrative privileges**.
2. Open the **Control Panel**
3. In the **Programs** section, click **Uninstall** a program.
4. Search **EverTrust WinHorizon**.
5. Once found click **Uninstall**

4.2. Clean up

1. Log in to the WinHorizon server with **administrative privileges**.
2. Delete the %USERPROFILE%\Program Files\EverTrust directory.
3. Delete the %USERPROFILE%\ProgramData\EverTrust directory.
4. If WinHorizon certificate has been stored on Microsoft Certificate store, remove the **private key** and the associated **certificate**.

4.3. WinHorizon certificate revocation

Ask a Horizon administrator to revoke the WinHorizon certificate used to authenticate on Horizon.

5. Troubleshooting

A common issue when installing WinHorizon is that TLS 1.2 is not enabled by default on Windows Server. This will translate into SSL errors when WinHorizon will try to connect to Horizon.

To solve this, please add the following registry entries:

```
Windows Registry Editor Version 5.00

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\Internet
Settings\WinHttp]
    "DefaultSecureProtocols" = (DWORD): 0xAA0
[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\Windows\CurrentVersion\Internet
Settings\WinHttp]
    "DefaultSecureProtocols" = (DWORD): 0xAA0

[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\.NETFramework\v2.0.50727]
    "SystemDefaultTlsVersions" = dword:00000001
    "SchUseStrongCrypto" = dword:00000001
[HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\.NETFramework\v4.0.30319]
    "SystemDefaultTlsVersions" = dword:00000001
    "SchUseStrongCrypto" = dword:00000001

[HKEY_LOCAL_MACHINE\SOFTWARE\Wow6432Node\Microsoft\.NETFramework\v2.0.50727]
    "SystemDefaultTlsVersions" = dword:00000001
    "SchUseStrongCrypto" = dword:00000001
[HKEY_LOCAL_MACHINE\SOFTWARE\WOW6432Node\Microsoft\.NETFramework\v4.0.30319]
    "SystemDefaultTlsVersions" = dword:00000001
    "SchUseStrongCrypto" = dword:00000001
```

You can also directly download [this .reg file](#) and execute it on the concerned server. Note that it has the .txt extension to not be flagged as dangerous by antiviruses but if you want to use it, you will have to give it back the .reg extension.