USB/IP for Windows

References

- `usbip-win` [Github repository](#)

Download

See the [Releases](#) page on the Github repository to download the tool.

Installation

Server setup

Note : All the instructions below must be performed as an administrator.

1. Install `usbip_test.pfx` :

The password for the certificate is `usbip` .
The certificate should be installed into :

- `Trusted Root Certification Authority` in `Local Computer` ,
- `Trusted Publishers` in `Local Computer` .

2. Enable `Test Signing` :

```
bcdedit.exe /set TESTSIGNING ON
```

Note : the system must be restarted to apply the changes.

3. List all the USB devices :

```
usbip.exe list -l
```

Get the ID of the USB device from the list.
It should be of the following form : `1-XXX`

4. Bind the selected USB device to the `usbip` stub :

```
usbip.exe bind -b 1-XXX
```

5. Run `usbipd` server :

```
usbipd.exe -d -4
```

Note : TCP port `3240` should be allowed by firewall.

Extra steps : Add the USB/IB installation directory to the `PATH` environment variable :

```
$Path = [Environment]::GetEnvironmentVariable("PATH", "Machine") + [IO.Path]::PathSeparator +
[Environment]::SetEnvironmentVariable("Path", $Path, "Machine")
```

◀   ▶

Client setup

Note : All the instructions below must be performed as an administrator.

1. Install `usbip_test.pfx` :

The password for the certificate is `usbip` .
The certificate should be installed into :

- `Trusted Root Certification Authority` in `Local Computer` ,
- `Trusted Publishers` in `Local Computer` .

2. Enable `Test Signing` :

```
bcdedit.exe /set TESTSIGNING ON
```

Note : the system must be restarted to apply the changes.

3. Install USB/IP VHCI driver :

```
usbip.exe install
```

4. Attach the remote USB device :

```
usbip.exe attach -r <USBIP_SERVER_IP> -b 1-XXX
```

Note : The current directory must be USB/IP installation folder (in order to find `attach.exe` file).

Uninstall

1. Uninstall VHCI driver :

```
usbip.exe uninstall
```

2. Disable `Test Signing` :

```
bcdedit.exe /set TESTSIGNING OFF
```

Note : the system must be restarted to apply the changes.