

Fully Preconfigured Custom Installation

<https://campus.barracuda.com/doc/46207712/>

The `customer.inf` setup is a comprehensive installation method, allowing you to fully preconfigure all Network Access Client settings remotely on multiple installation systems. Only experienced system administrators should perform this method. In addition to pure installation and basic configuration, it allows you to:

- Preconfigure an arbitrary number of connection profiles on the Network Access Client.
- Import license (`.lic`) files and X.509 certificates into the Network Access Client.
- Import preconfigured rulesets into the Personal Firewall.

The `customer.inf` setup is only available for the Barracuda VPN Client. It requires administrator rights on the target system. Exemplary script files required for `Customer.inf` setup (`customer.inf`, `silent.cmd`) are available on the [Customer Install Files](#) page, allowing you to adapt the remote configuration procedure.

Installation Using a `customer.inf` File

Prepare the install files `customer.inf` and `silent.cmd`, and execute an unattended customer setup.

Both the `customer.inf` and `silent.cmd` files are adapted for inclusion of a `customer.lic` file. If you are not importing a license (`.lic`) file during installation, delete the corresponding entries in both files. If you are using another name for the `.lic` file, do not forget to edit the respective installation files. The content of the `customer.inf` file is treated as case sensitive.

Step 1. Edit the `customer.inf` File

Prepare the `customer.inf` file and remove nonessential parameters before applying it for custom setup. For detailed information about this file and its components, see [Customer Install Files](#).

Do not rename the `customer.inf` file.

The following steps describe only the minimum required information. You may add any other

Barracuda Networks registry entry.

1. **Edit the Default Entry** - HKU, .DEFAULT\Software\Phion\phionvpn\Profile\1, Default, 0x00010001, 1
Value 1 sets a profile to the default profile of the Barracuda VPN Client. All other profiles take the value 0.
2. **Edit the DHCP Entry** - HKU, .DEFAULT\Software\Phion\phionvpn\Profile\1, dhcp, 0x00010001, 1
Editing this value changes the value of the **Virtual Adapter Configuration** parameter:
 - **Assign IP address manually**
 - **Use internal DHCP assignment** (default)
 - **Direct assignment**
3. **Edit the Profile Name** - HKU, .DEFAULT\Software\Phion\phionvpn\Profile\1, description, 0x00000000, "profile name"
4. **Name the License (customer.lic)** - HKU, .DEFAULT\Software\Phion\phionvpn\Profile\1, license, 0x00000000, "%65600%\customer.lic"
(%65600% is used as a placeholder for the installation directory.)
5. **Step 5. Enter the IP Address of the VPN Server** - HKU, .DEFAULT\Software\Phion\phionvpn\Profile\1, server, 0x00000000, "192.168.0.1"

Do not change the name of the firewall ruleset entry (**active.i_fwrule**). Remove this line if you do not intend to install the Personal Firewall with a predefined ruleset that meets company policy.

Step 2. Prepare the silent.cmd File:

Save the following to a .cmd file. Separate multiple properties with spaces:

```
@echo off
setup.exe /s /v"/qr CUSTOMER_INF=customer.inf PROGTYP=ENTEGR
xcopy /S X509-Certificate.p12 "c:\Program Files\BarracudaNG"
```

Specific properties must be inserted into one row. For an overview of the available properties, see the [Partially Preconfigured Unattended Remote Custom Installation](#) page.

Step 3. Copy the Files to the Setup Directory

Copy the following files to the folder containing the `setup.exe` file:

- `customer.inf`
- `silent.cmd`
- `active.i_fwrule` (optional)
- `[LicenseName].lic` (optional)
- `[CertificateName].p12` (optional)

Step 4. Execute the Installation

- Execute the `silent.cmd` file to trigger an unattended customer setup.

After installing the client, you can connect and configure the settings. Continue with [Getting Started](#).

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