Partially Preconfigured Unattended Remote Custom Installation

https://campus.barracuda.com/doc/46207707/

The procedure for unattended installation is intended for concurrent remote installation and basic configuration of multiple clients. Only experienced system administrators should attempt the procedure.

> - Unattended setup requires administrator rights on the system where the installation is executed.
> - `Msiexec` (command-line options) apply to the customization of the installation procedure. For information on these options, refer to [Microsoft TechNet](#).

To specify non-default values for installation, `Msiexec` options may additionally be extended by Barracuda Network Access Client specific properties. The available options for this purpose are listed in the tables below.

Requirements

- **License** – (depending on authentication type):
    - Barracuda personal license
    - X.509 certificate

Perform an Unattended Setup

Save the following to a `.cmd` file, and execute this file to trigger an unattended setup. Separate multiple specific properties with spaces:

- `Barracuda.msi /q CUSTOMER_INF=[path-and-filename] [property 1] [property 2] ...`

For example, this call performs a silent installation of only the Barracuda VPN Client into *c:\Program Files\Barracuda\VPN Client* using further configuration settings stored in a file named `vpnconf.cmd`:

- `@echo off`
- `Barracuda.msi /q CUSTOMER_INF=\vpnconf.inf INSTALLDIR="c:\Program Files\Barracuda\VPN Client"`

> Specific properties must be inserted into one row.

Msiexec Command-line Options

Property	Possible Values *Red* = Default	Corresponding Option in the Firewall Settings
DEFAULT_SHELL		Required if using a different shell than explorer.exe (e.g., Microsoft Embedded XP).
FW_ALWAYS_ON	0 1	**Firewall Always ON**. If this is enabled, the Barracuda Network Access Client must be installed with the **Firewall Always ON** option enabled. Otherwise, connections to the according VPN service will fail. See also: Troubleshooting.
FW_INSTALL_GINA	0 1	Install Barracuda Networks GINA.
INSTALLDIR	[String]	[String] is the installation path, e.g.: C:\Program Files\BarracudaNG
POLSRV_IP		The IP address of the Access Control Server.
PROGTYPE	[blank] VPN	Leaving the value blank installs the selected product including all components. The value VPN activates the VPN-only installation mode. Only the VPN client components will be installed.
PUB_CA_KEYCERT	[String]	[String] represents the name of the CA public certificate to the profile and requires adding the following lines: • copy certname.pem > nul • del certname.pem > nul
PWD	[blank] [Secret Password]	Sets a **secret password** that will be requested prior to shutting down the client or modifying certain administrative settings in the NAC. It will not be possible for users to shut down the client without providing the correct password. The password cannot be changed from within the client; it can only be changed in the Access Control Service configuration on the server. Leaving the value blank causes the password protection to be disabled.

Optionally Customizable Properties

Additional Msiexec properties can optionally be modified. Furthermore, the Personal Firewall settings can be edited after installation.

- **Trusted Network** – See a description in How to Configure the Barracuda Personal Firewall.
- **Allow others to access my files and printer(s)** – Windows File Sharing. See a description in How to Configure the Barracuda Personal Firewall.

- **Connect to the Internet with ADSL (PPTP)** – See a description in How to Configure the Barracuda Personal Firewall.
- **Ask for adapter update confirmation** – See a description in How to Configure the Barracuda Personal Firewall.
- **Access Control Server Address** – The Access Control Server to be used.
  Ask for unknown outgoing/incoming connections – Activating these check boxes causes a dialog to pop up for every unknown connection. As a result of using this dialog, the Barracuda Personal Firewall ruleset is automatically modified (see **Automatic Rule Configuration** in How to Configure the Barracuda Personal Firewall).
- **Disable Barracuda Networks Secure Mode (Firewall off)** – This check box results in a **pass-all-behavior** of the Personal Firewall. Use this option for unattended setups.
- **Firewall Always ON** – Deactivation of the Personal Firewall.

Any ruleset assigned by a policy or VPN server will overwrite these options.

You can additionally customize the following properties.

Property	Value **Red** = Default	Corresponding Option in the Firewall Settings
FW_TRUSTEDNETWORK	0 1	**Trusted Network**
FW_SHARE	0 1	**Windows File Sharing**
FW_ADSL	0 1	**Connect to the Internet with ADSL (PPTP)**
FW_ASKOUT	0 1	**Ask for unknown outgoing connections**
FW_ASKIN	0 1	**Ask for unknown incoming connections**
FW_ASKADAPTER	0 1	**Ask for adapter update confirmation**
FW_DISABLE	0 1	Unattended setup only: **Disable Barracuda Networks Secure Mode (Firewall off)**

After installing the client, you can connect and configure the settings. Continue with Getting Started.