

## Adaptation of Profile Creation Using an \*.ini File

<https://campus.barracuda.com/doc/46894442/>

When using Barracuda authentication, some parameters configurable in the **Connection Entries** and **Advanced Settings** tabs (see [How to Configure the Barracuda VPN Client for Windows](#)) can be passed to the Barracuda VPN Client using an \*.ini file. If a profile with Barracuda authentication is created, the client looks for an \*.ini file in the same directory as the \*.lic file is retrieved from. The \*.ini file is expected to be named the same as the \*.lic file (e.g., C:\licenses\barracuda\_user.lic would require C:\licenses\barracuda\_user.ini). If an appropriate \*.ini file is available, the values defined there will be used for the VPN profile.

Syntax and parameters described here for \*.ini files are also valid for \*.vpn files (see also: [How to Create a \\*.vpn File](#), [How to Import a \\*.vpn File into the VPN Client](#)).

### Example for the Structure of an \*.ini File's Contents

All parameter names are case sensitive. Always remove unnecessary options from the \*.ini file.

```
[Settings] Description=Profile Name server=192.168.10.10
proxy=proxy.sample.com:3128 proxyType=HTTP proxyUser=testUser
proxydomain=SAMPLE dhcp=1 mode=1
```

### Possible Values

The following parameters can be defined within the \*.ini file. Type them exactly as listed here:

- **Description** - Name of the profile.
- **server** - IP address of the VPN server.
- **dhcp** - Behavior of a DHCP client. Corresponds to the **Virtual Adapter Configuration** drop-down menu in the **Advanced Settings** tab.  
Possible options are:
  - 2 - IP address is assigned directly (using Windows Management Instrumentation).
  - 1 - IP address is assigned dynamically (DHCP).
  - 0 - IP address is configured statically.
- **mode** - This corresponds to the **Tunnel Mode** drop-down list in the **Advanced Settings** tab, and it specifies the connection mode to use. By default, this parameter is set to **1** (TCP).  
Possible modes are:
  - 1 - TCP

- 2 - UDP
- 3 - Hybrid

The following proxy-related parameters must be removed from the \*.ini file if connection establishment is not handled using a proxy server.

- proxy - URL or IP address of the proxy server.
- proxyType - Proxy server type. Possible options are HTTP, Socks4, and Socks5.
- proxyUser - Username possibly needed for proxy authentication.
- proxydomain - Windows domain within which the user is able to authenticate.

## Template Code: VPN Profile Registry Keys

In the box below, you can find template code ready to copy and paste.

```

"; Encryption Algorithm: encryption (0x00010001)" "; 1 -> None" "; 2 -> 3DES"
"; 4 -> AES" "; 8 -> Cast" "; 16 -> Blowfish" "; 32 -> DES" "; 64 -> AES256"
";" "; Tunnel Mode: mode (0x00010001)" "; 1 -> Reliability (TCP)" "; 2 ->
Response (UDP)" "; 3 -> Optimized (Hybrid)" ";" "; Virtual Adapter
Configuration: dhcp (0x00010001)" "; 0 -> Assign IP address manually" "; 1 ->
Use internal DHCP assignment (default)" "; 2 -> Direct assignment" ";" ";
Compression: streamCompression (0x00010001)" "; Use Access Control Server:
usePolSrv, 0x00010001" "; Disconnect when user logs off:
terminateIfUserLogout (0x00010001)" "; One Time Password: oneTimePassword
(0x00010001)" "; Allow ENA Connection: allowENA (0x00010001)" "; Allow
Sending Offline Ruleset: allowFWRule (0x00010001)" "; Save new Certificate
Unattended: unattended (0x00010001)" "; Silent Mode (No Keep Alive): silent
(0x00010001)" "; Keep Alive (seconds): timeoutAlive (0x00010001)" "; Start
Script: startScript (0x00000000)" "; Stop Script: stopScript (0x00000000)" ";
Enable MS Logon: enableMSLogon (0x00010001)" ";" "; Certificate Store Flag:
StoreFlags (0x00010001)" "; ffffffff -> <default>" "; 10000 -> Current User"
"; 70000 -> Current User Group Policy" "; 20000 -> Local Machine" "; 90000 ->
Local Machine Enterprise" "; 80000 -> Local Machine Group Policy" "; 50000 ->
Barracuda NG VPN Service" ";" "; Certificate Store: store (0x00000000)" "; MY
-> MY" "; Root -> Root" "; Trust -> Trust" "; CA -> CA" ";" "; Terminate
Countdown (sec.): TerminateCountdown (0x00010001)" "; Show Popup: ShowPopup
(0x00010001)" "; Close after Connect: CloseOnConnect (0x00010001)"

```

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