

How to Create a *.vpn File

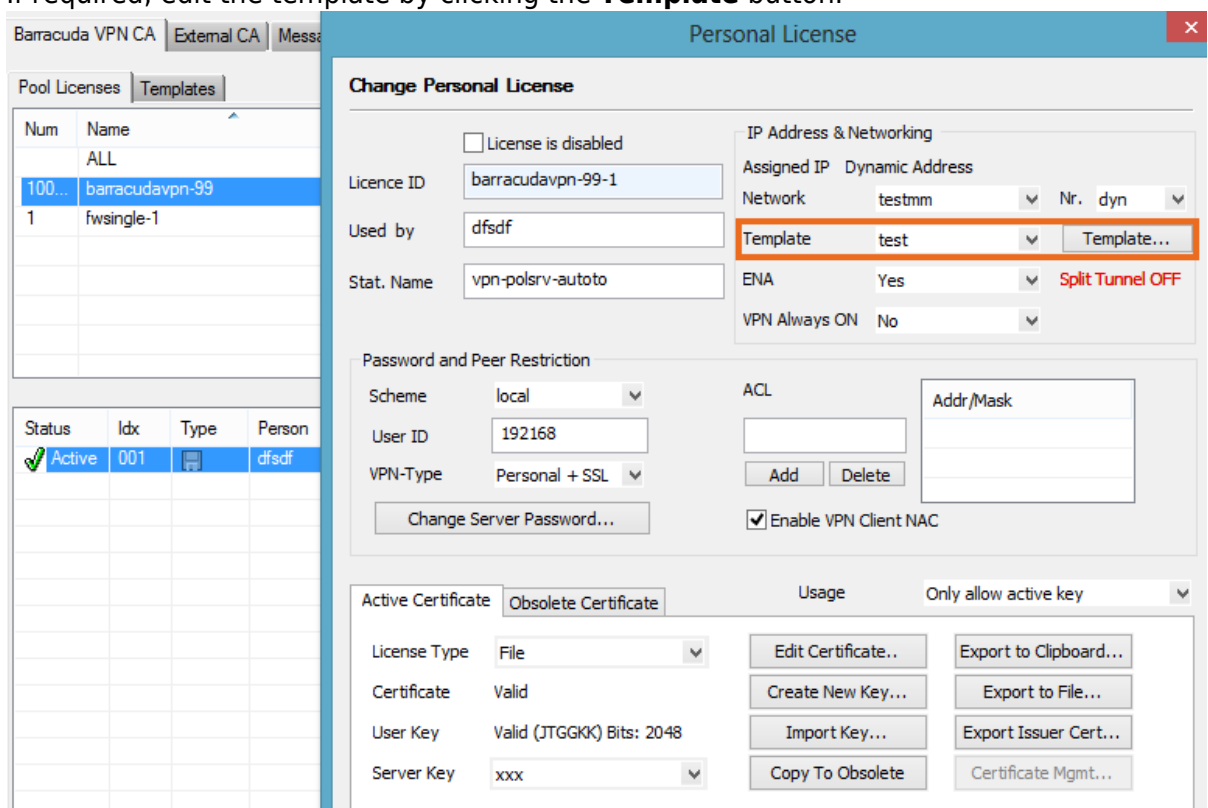
<https://campus.barracuda.com/doc/46206628/>

You can import VPN profiles and Barracuda Personal Licenses to the Barracuda Network Access Client and the Barracuda VPN Client using configuration files with the suffix *.vpn that can be configured and created within Barracuda Firewall Admin (for the importing process, see [How to Import a *.vpn File into the VPN Client](#)). Follow the instructions on this page to learn how to export a VPN profile from Barracuda Firewall Admin.

Creating a *.vpn File from a Barracuda Personal License

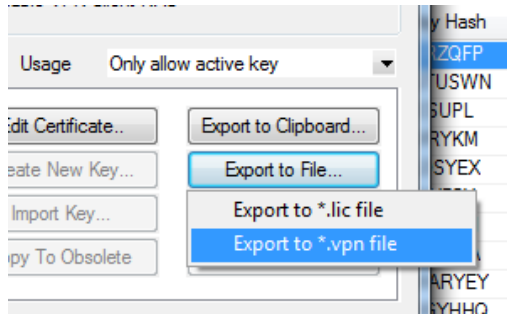
Before creating the *.vpn file, you must configure a VPN template and configure a Barracuda Personal License to be exported in the file.

1. In Barracuda Firewall Admin, navigate to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service > Client to Site**.
2. Click **Lock**.
3. In the **Pool Licenses** tab, attach the VPN profile template to a Barracuda Personal License:
 1. Open a previously prepared Barracuda Personal License by double-clicking it.
 2. Select the configuration template to be used from the **Template** list, as shown in the figure below.
 3. If required, edit the template by clicking the **Template** button.

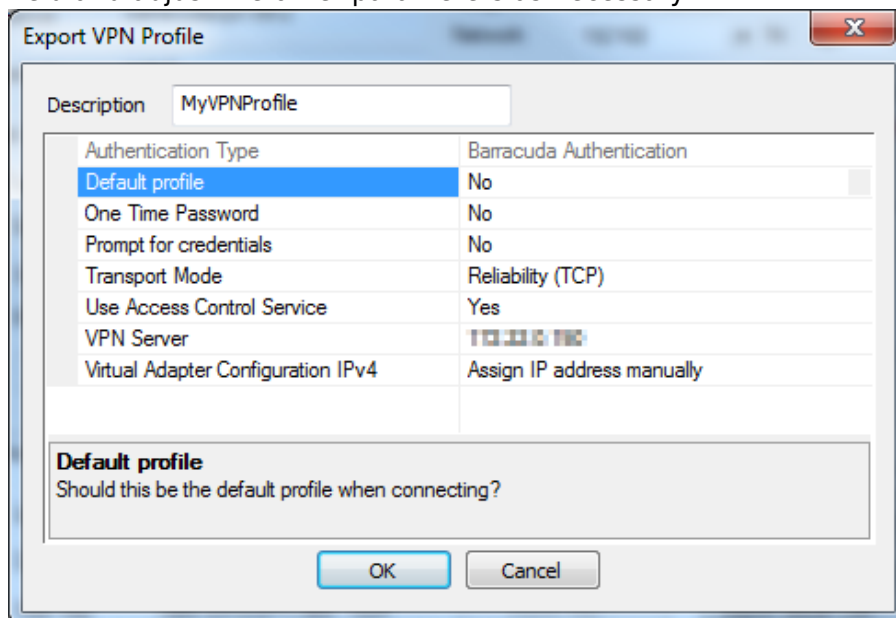


The screenshot shows the 'Change Personal License' dialog box in the Barracuda Firewall Admin interface. The 'Template' dropdown menu is highlighted with an orange box, showing 'test' as the selected option. The 'Template...' button is also visible next to it. The dialog box contains various configuration fields for the personal license, including License ID, Used by, Stat. Name, IP Address & Networking, Password and Peer Restriction, and Certificate management options.

- Click **Export to File** and select **Export to *.vpn file** to export the VPN profile containing your license.



- On the **Export VPN Profile** page, enter a meaningful name for the profile into the **Description** field and adjust the other parameters as necessary.

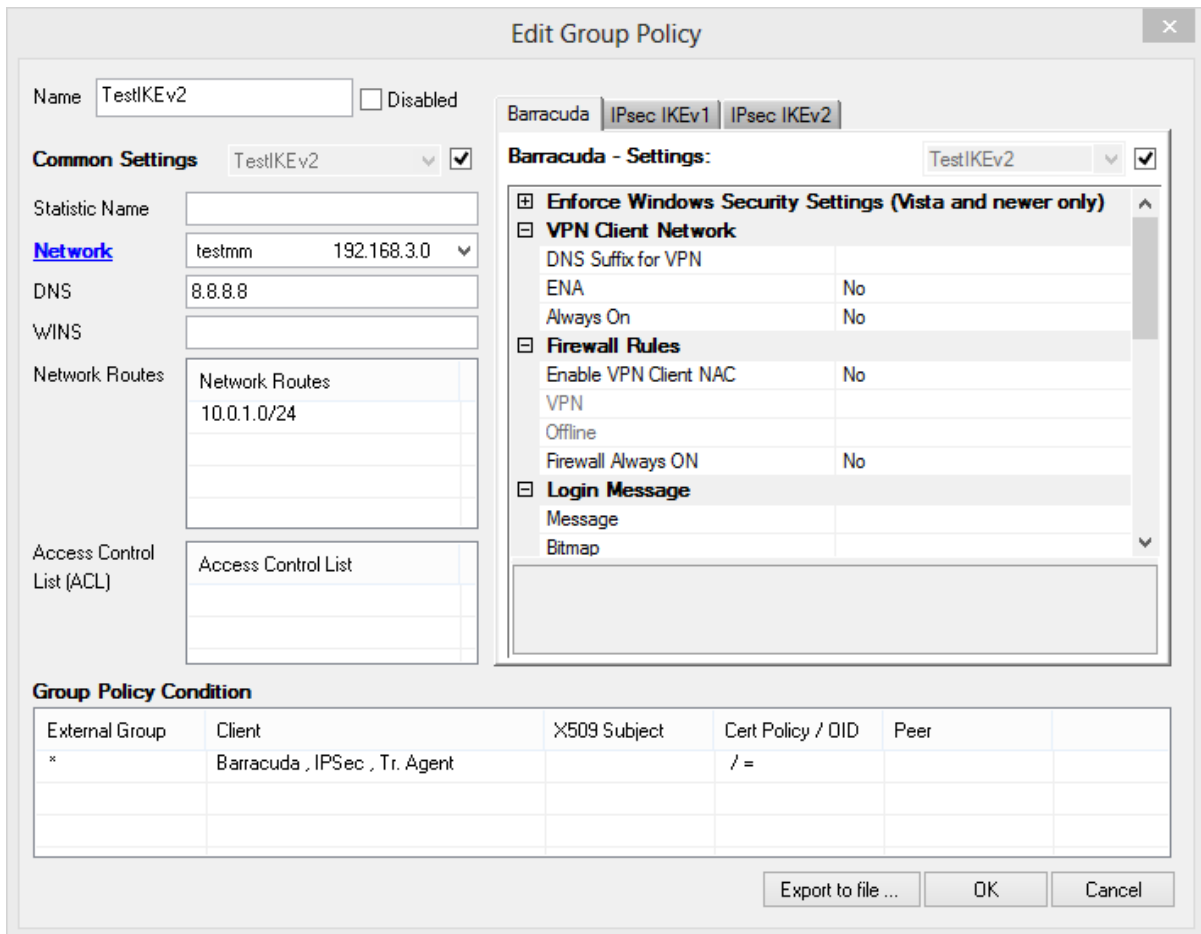


- Click **OK**.
- A dialog appears asking you to set a license password. You can either type in a password and click **OK**, or skip the password configuration by clicking **No Password**.
- Choose a location to save the file, enter a name for the file, and click **Save**.

Creating a Group Policy-based *.vpn File

Before creating the *.vpn file, you must configure a VPN template and configure VPN group settings to be exported in the file.

- In Barracuda Firewall Admin, navigate to **CONFIGURATION > Configuration Tree > Box > Virtual Servers > your virtual server > Assigned Services > VPN-Service > Client to Site**.
- Click **Lock**.
- Navigate to **Group Policy** in the **External CA** tab.
- Double-click a group policy in the list. The **Edit Group Policy** window opens.



Edit Group Policy

Name: TestIkev2 ☐ Disabled

Common Settings TestIkev2 ☒

Statistic Name:

Network testmm 192.168.3.0

DNS: 8.8.8.8

WINS:

Network Routes:

| |
|----------------|
| Network Routes |
| 10.0.1.0/24 |
| |
| |
| |

Access Control List (ACL):

| |
|---------------------|
| Access Control List |
| |
| |
| |

Barracuda - Settings: TestIkev2 ☒

☒ **Enforce Windows Security Settings (Vista and newer only)**

☒ **VPN Client Network**

| | |
|--------------------|----|
| DNS Suffix for VPN | |
| ENA | No |
| Always On | No |

☒ **Firewall Rules**

| | |
|-----------------------|----|
| Enable VPN Client NAC | No |
| VPN | |
| Offline | |
| Firewall Always ON | No |

☒ **Login Message**

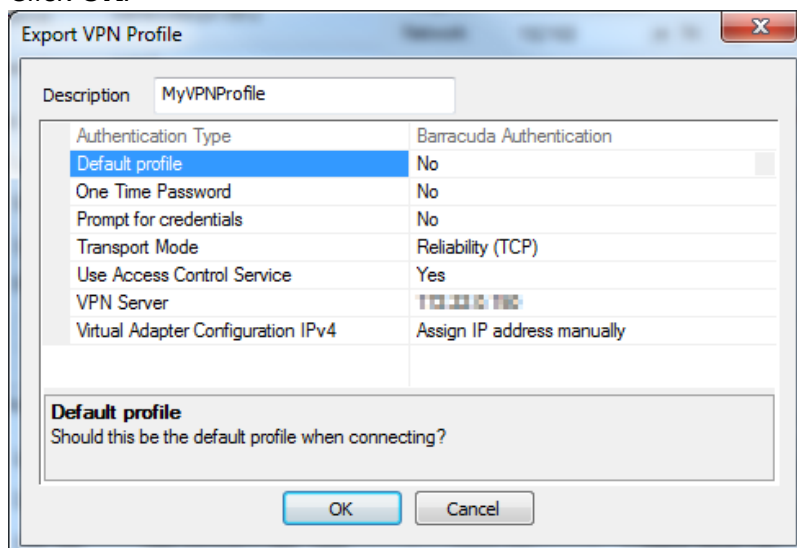
| | |
|---------|--|
| Message | |
| Bitmap | |

Group Policy Condition

| External Group | Client | X509 Subject | Cert Policy / OID | Peer |
|----------------|-------------------------------|--------------|-------------------|------|
| * | Barracuda , IPsec , Tr. Agent | | / = | |
| | | | | |
| | | | | |

Export to file ... OK Cancel

5. If necessary, modify the profile settings as needed.
6. Click **Export to File** in the bottom of the window.
7. On the **Export VPN Profile** page, enter a name for the profile into the **Description** field.
8. Adjust the other parameters as necessary.
9. Click **OK**.



Export VPN Profile

Description: MyVPNProfile

| | |
|------------------------------------|----------------------------|
| Authentication Type | Barracuda Authentication |
| Default profile | No |
| One Time Password | No |
| Prompt for credentials | No |
| Transport Mode | Reliability (TCP) |
| Use Access Control Service | Yes |
| VPN Server | 192.168.1.1 |
| Virtual Adapter Configuration IPv4 | Assign IP address manually |

Default profile
Should this be the default profile when connecting?

OK Cancel

10. A dialog follows asking you to set a password for the license. You can either type in a password and click **OK**, or skip the password configuration by clicking **No Password**.
11. Choose a location to save the file, enter a name for the file, and click **Save**.

Editing the Contents of a *.vpn File

A *.vpn file is a ZIP archive containing a <profilename>.ini file and, if applicable, a <license>.lic file. These files are extracted and processed by the VPN Client during the import. To manually alter the contained profile.ini file (assuming you already have a *.vpn file), complete the following steps:

1. (Optional) Rename the file from <filename>.vpn to <filename>.zip
2. Open the *.vpn file using WinZIP, WinRAR, or another compressing / uncompressing tool that can handle ZIP files.
3. Extract the <profilename>.ini file.
4. Modify the extracted file as needed.

For more information on the profilename.ini file's syntax, see [Adaptation of Profile Creation Using an *.ini File](#) or contact Barracuda Networks Support.
5. Update the archive by replacing the file inside with the modified version.
6. If applicable, rename the file back from <filename.zip> to <filename>.vpn.

Figures

1. change_pers_lic.png
2. export_vpn_file.png
3. edit_file.png
4. edi_group.png
5. export_vpn_details.png

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