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Cato VPN Client for Linux

Installation and User Guide

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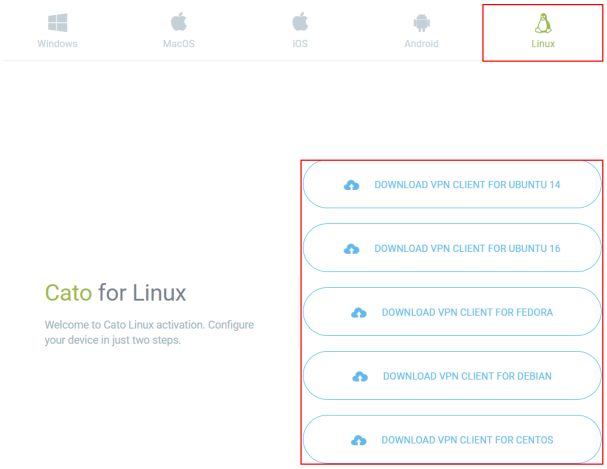
1. Scope

This guide describes how to download, install and use the Cato VPN Client on your Linux device.

2. Downloading Your Client for Installation

1. Click **Linux** and click the required VPN Client. The installation file is downloaded to your device.



3. Installing and Running the Cato VPN Client for Linux Client

To install the Cato Client:

1. Run the Cato Client file that you download from the User Portal:

```
cato-install-<OS name>.sh
```

To run the Cato Client:

1. In the directory where the client was installed, run the following command in a separate terminal:

```
./cclient.sh start
```

   with the required parameters as described in the table below.

Parameter	Description
--address *ip-address*	Directs the client to connect to a specific Cato server (contact Cato Support staff for the server IP address). Normally, the client automatically connects to the best node in the Cato network.
--append {head|tail}	Preserves the existing configuration in /etc/resolv.conf. When connected, the Cato client replaces /etc/resolv.conf with the DNS configuration received from Cato. Using this parameter appends the Cato configuration to the existing configuration. • head - adds the DNS configuration from Cato before the existing configuration, giving preference to the Cato configuration. • tail - adds the DNS configuration from Cato after the existing configuration, giving preference to the existing configuration. In both cases, /etc/resolv.conf is restored to its original contents on disconnection. **Note:** If **Split Tunnel** is enabled in the Cato Management Application, this parameter is ignored and the client always replaces the contents of /etc/resolv.conf.
--load *file*	Uses the parameter values stored in the file previously with --save. You can override any stored setting by specifying it on the command line. Since the credentials are also stored in this file, make sure you keep it private as anyone can use this file to connect with the saved credentials. The password is saved in hashed form (SHA-256 with salt). Alternately, you can store an empty or incorrect password in the file and specify the correct one on the command line. For example: --load _file_ --password '******'

Parameter	Description
--metric *metric*	The metric for the route created for VPN traffic (see --route). If not specified, this route has the highest priority on the system (identical to specifying --metric 0)).
--reconn *seconds*	Following a disconnect, the number of seconds the client waits before attempting to reconnect. The client attempts to reconnect at this interval until a connection is established or the client is stopped externally. If this parameter is not specified, the client attempts to reconnect once and if unsuccessful, exits immediately.
--route *subnet*	A single subnet that is routed to the tunnel instead of the default route. For example: --route 10.24.0.0/16 creates a specific route so only this subnet is routed through VPN. If not specified, the client adds a default route so all traffic is routed through the VPN on the device (identical to specifying --route 0.0.0.0/0). **Note:** If **Split Tunnel** is enabled in the Cato Management Application, this parameter is ignored.
--save *file*	Saves all arguments passed on the command line to the given file for use with the --load parameter.
--show *file*	Display the settings stored in the file using --save.
--user, --account, --password	User's VPN credentials.

4. Additional Resources

Online documentation

Online documentation is available through the Cato Management Application.

Contact Support

Following are the channels for contacting Cato Networks Support:

- Cato Networks Support Portal: A self-service support web site that offers a full range of customer support features, such as: Opening, updating and tracking

technical support incidents quickly and conveniently. Finding technical documents, FAQs, using the new and robust Knowledge Base. Downloading documentation, full products guides, product updates, notifications etc. Sharing best practices and troubleshoot problems with others via tan interactive community. Access Cato Networks Online Support, by browsing https://support.catonetworks.com and register your support account.

- Email: Email services, allowing you to create technical tickets in our system easily, by sending email to support@catonetworks.com.
- Chat: Chat services are part of Cato Management Application, after login you have the option to chat with a Technical Support Engineer representatives based on an available free seat.
- Phone: Talk Services, 24x7x365, allowing you to call directly to Cato Support. All calls are recorded to further improve our services and for quality assurance purposes.
  USA: +1 (505) 333-4070
  United Kingdom: +44 114 303 3899
  Israel: +972 3 720 7171
- Text message: To create support tickets with Cato Networks, text your inquiry to the following text message numbers:
  USA: +1 (201) 890-7666
  United Kingdom: +44 1606 800066
  Israel: +972 52 628 5630