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## The Kill Switch and ensuring your security and privacy are not interrupted.

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Sometimes when downloading, your connection will timeout (such as your ISP's connection drops temporarily, you're assigned a new IP address, there's an issue with your ISP's upstream provider, etc.). When this happens, sometimes a device will reconnect and expose your IP as the VPN has not reactivated before the connection is made.

This is why we feature an option called a Kill Switch. If your connection timeouts, the Kill Switch will prevent your connection from automatically reconnecting without the protection of the PIA VPN service. This will ensure that your privacy and security are always protected and will prevent re-connection if you timeout.

The app sets VPN Kill Switch to enabled/checked by default however by checking Advanced Kill Switch, you can ensure that you are not connected to the internet prior to the PIA app launching. This will maintain your security and privacy when downloading. To enable the Kill Switch option, open the app, and select 'Settings', select 'Privacy', and select the 'Always' option as illustrated.

## Settings

- General
- Protocols
- Network
- Privacy**
- Dedicated IP
- Automation
- Split Tunnel
- Multi-Hop
- Account
- Help

## Privacy

- VPN Kill Switch**  
Once the VPN is turned on, prevent leaks by blocking traffic from going outside the VPN, including during connection loss.
- Advanced Kill Switch**  
Prevent leaks by blocking any traffic from going outside the VPN, even when the VPN is turned off.
- PIA MACE**  
Block domains used for ads, trackers, and malware.

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