

GeekSTunnel: Licensing, Ethics & Legal Compliance Guide

1. Tech Stack Licensing Review

All the core technologies used in GeekSTunnel are **Open Source** and widely accepted for commercial use. You do **not** need to pay any licensing fees to use these underlying components.

Component	License	Commercial Use?
FastAPI	MIT	Yes (Permissive)
WireGuard	GPLv2 (Kernel)	Yes (Standard usage is free)
CoreDNS	Apache 2.0	Yes (Permissive)
Nginx / OpenResty	BSD-style	Yes (Permissive)
MySQL / MariaDB	GPL	Yes (Standard usage is free)
Redis	BSD 3-Clause	Yes (Permissive)
Python Libraries	MIT / BSD	Yes (Permissive)

2. Ethical Considerations

2.1 Intended Use

GeekSTunnel is designed as a **Security & Privacy Tool**. - **Ethical**: Using it for secure remote work, protecting personal privacy on public Wi-Fi, and implementing parental/organizational DNS filtering. - **Unethical**: Using it to facilitate illegal activities, unauthorized data exfiltration, or bypassing critical national security infrastructure.

2.2 The “Anti-Bypass” Feature

- **Ethics**: While technically aggressive, this feature is ethically sound when used for **Network Integrity**. It ensures that security policies (like blocking malware or phishing sites) cannot be bypassed by malicious actors or unauthorized software.
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3. Legal Compliance

3.1 VPN Legality

VPNs are legal in the vast majority of countries. However, some regions (e.g., China, Russia, UAE, Iran) have specific regulations or licensing requirements for VPN providers. - **Action**: If you plan to sell this as a service in those regions, you should consult with a local legal expert.

3.2 Data Privacy (GDPR/CCPA)

Because GeekSTunnel can log user activity (Audit Logs), you must be transparent with your users. - **Action:** If selling as a service, provide a **Privacy Policy** that explains what data is logged and for how long.

4. How to License YOUR Code

You own the code we have built together. You have three main options for licensing it:

Option A: Proprietary (Closed Source)

- **Strategy:** You keep the source code secret and sell it as a finished product.
- **Best for:** Selling to enterprises or launching a private SaaS.
- **Cost:** \$0. You just add a LICENSE file stating “All Rights Reserved.”

Option B: MIT / Apache (Open Source)

- **Strategy:** You allow anyone to use, modify, and sell your code.
- **Best for:** Building a community and gaining fame as a developer.
- **Cost:** \$0.

Option C: GPL (Copyleft)

- **Strategy:** You allow others to use the code, but they **must** also keep their version open source.
 - **Best for:** Ensuring the code remains free for everyone forever.
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5. Summary of Charges

- **Software Licenses: \$0** (All underlying tech is free).
- **Hosting (VPS):** You only pay for the server (e.g., DigitalOcean, AWS, Hetzner).
- **Domain:** Standard annual fee for your .com or .online domain.

Verdict: You are ethically and legally on solid ground. You have built a professional security tool using the world’s best open-source foundations.