Engineer Platform

Managed 8 WireGuard and IPsec VPN connections

Managed and troubleshot 8 WireGuard VPN and IPsec VPN connections, ensuring secure communication across Google Cloud and Linux systems.

2022 – 2024

8

VPN connections secured across clouds

Situation. Secure connectivity between the cloud and the on-premises Linux systems ran over several VPN tunnels, and they were fragile and awkward to diagnose when they dropped. A dead tunnel could cut communication between environments, and troubleshooting one was slow and uncertain — you were never quite sure you'd found the real cause.

Task. Managing and troubleshooting those connections, to guarantee secure and uninterrupted communication, was the job.

Action. The VPN estate came under control — eight WireGuard and IPsec tunnels across Google Cloud and the Linux systems, managed and troubleshot as a set rather than eight separate mysteries. Their configuration was standardised so they were consistent and understandable instead of each being its own special case, and their health was monitored, with the recurring routing and key-exchange problems tackled at the root rather than papered over with a restart.

Result. All eight tunnels ran securely and reliably, communication between environments stayed protected, and the recurring connectivity incidents that used to interrupt work stopped happening. Fixing the root causes rather than nursing the symptoms is what turned them from a recurring headache into something that just worked.

Bring this experience to your project

Use “Managed 8 WireGuard and IPsec VPN connections” as a starting point for a similar challenge in your organisation. The services behind this work are available for your project. Day-to-day care of servers, mail, accounts and updates, so the things everybody relies on stay boring.

Explore our services Get in touch →

Look behind the result

Read the situation, decisions and result in this example. We can discuss which parts transfer to your constraints and which need another approach. Managed 8 WireGuard and IPsec VPN connections — 8 VPN connections secured across clouds

Explore our services Get in touch →

Need secure connections between your systems?

Talk through your project with the engineer responsible for delivery. We agree the scope, price basis and handover in writing before work begins.

Role context: Infrastructure Engineer. It draws on Infrastructure, Cloud, Reliability & Backups, Networking & VPN, Linux & Servers, Security and System Administration. And while you are here, we are rather good at System Administration, Networking & VPN Setup and Security & Access Management.

Get in touch Explore our services

One piece of **a longer record** — and it is all on this site.

Every entry is written the same way: the situation, the task, what we did and what changed.

See the whole record

Define the improvement you need

Bring the deployment path, the operational risks and the people on call. We can scope a change with checks, a recovery route and clear ownership.

See what it costs Get in touch →

Need secure connections between your systems?

Ask about the decisions behind “Managed 8 WireGuard and IPsec VPN connections”. You will speak with the people who can explain the work and assess your own project.

Explore our services

welcome@engineer.company +45 50 10 61 84 Copenhagen, Denmark

Take this page with you

Contact card

Carefully Crafted With Love by D.

CVR 45969703 · Tagensvej 105C, 3. th, 2200 København N

Copyright © 2025 – present · Engineer ApS · All rights reserved.

Printed from https://platform.engineer.company/portfolio/managed-8-wireguard-and-ipsec-vpn-connections/