



Eduard Agopyan

Network Security Architect - Cloudflare & Multi-Cloud

Contact Information

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Summary

Network Security Architect with 7+ years building and operating secure network architectures across on-prem and multi-cloud. Specializes in connecting enterprise networking with **Cloudflare at scale** - leading domain migrations, security hardening, and **Zero Trust rollouts** with minimal downtime. Develops automation and internal tooling to enforce standards, accelerate delivery, and convert platform telemetry into **repeatable runbooks with clean rollback paths**.

Professional Skills

Cloudflare Platform

- DNS / CDN cache strategy
- Rulesets (acct/zone)
- WAF/Bot/API Shield tuning
- Zero Trust (Access/GW/WARP)
- API Shield (mTLS/schema)
- Workers

Automation & Tools

- Terraform / cf-terraforming
- Python (API/GraphQL)
- Jinja2 → HTML/Excel
- GitOps change control
- Report/alarms automation

Origin & Edge Engineering

- nginx hardening
- Cache keys/headers
- keepalive/timeouts
- real_ip / proxy chain
- mTLS / Origin CA
- Transform rules

Network Security

- NGFW (Fortinet/Palo/Cisco)
- SSL inspection
- SD-WAN
- Segmentation (VLAN/ACL)
- Site-to-site & RA VPN

Multi-Cloud Networking

- AWS / Azure / GCP
- Transit/GWLB patterns
- Hybrid connectivity
- Landing zones
- Routing/BGP

Operations & Governance

- MoPs & change windows
- Incident mgmt
- Runbooks & baselines
- Monitoring & reports
- Postmortems → standards

About

I'm driven by curiosity and progress - whether that's learning, creating, or improving something around me. I enjoy family time, practical DIY-style projects, and occasional travel/outdoor breaks to recharge. People describe me as reliable, direct, and easy to work with.

- Interests
- Cyber security
 - Penetration testing
 - Networking
 - Process automation
 - Gaming

Education

Technical University
Varna, Bulgaria

- B.Sc. Telecom Engineering**
- Thesis: Android Application Security Testing & Wireless Penetration Testing.
 - Projects: mobile app development; ICT systems design; corporate networks.

Work Experience

Cloudflare
Services Partner
Lead Architecture
Engineer |
Cloudflare &
Migrations
03/2023 - Present

Lead end-to-end Cloudflare delivery for enterprise customers: platform architecture and governance, account audits, enablement workshops, automation, zero-downtime migrations, and origin hardening.

- **Cloudflare architecture:** Built repeatable account/zone baselines for TLS, caching, WAF/Rulesets, Bot, and Zero Trust.
- **Audits and remediation:** Delivered security/performance assessments with prioritized findings and phased rollout plans.
- **Migrations at scale:** Executed staged DNS/SSL/WAF/Bot migrations for hundreds of domains with tested rollback paths.
- **Automation:** Implemented Workers + Terraform/Python workflows for reporting, alerting, and controlled configuration rollout.
- **Origin hardening:** Tuned nginx cache/headers/real_ip/timeout behavior to stabilize edge-origin correctness.

HuvePharma
Senior Network
Security Engineer
05/2022 - 03/2023

Fortinet-centric network security engineering for a regulated enterprise - NGFW, SD-WAN, VPN and change governance.

- **Fortinet platform:** Operated FortiGate, FortiManager, FortiAnalyzer, and FortiEMS across sites.
- **NGFW operations:** Managed IPS/AV, URL filtering, SSL inspection, and policy lifecycle/reporting.
- **Connectivity:** Delivered SD-WAN segmentation and site-to-site/remote-access VPN operations.

Multinational
Food-Supply
Group
Lead Network
Engineer
06/2021 - 05/2022

Owned end-to-end enterprise network and security operations: architecture decisions, firewall governance, and day-to-day reliability across a mixed-vendor environment.

- **Network ownership:** Led standards, architecture decisions, and escalations for high-impact changes.
- **Security governance:** Managed FortiGate/Palo Alto/Meraki policy lifecycle, segmentation, NAT, and VPN.
- **Delivery:** Implemented Meraki, Palo Alto/FortiGate, and Silver Peak SD-WAN solutions across sites.
- **Reliability:** Drove runbooks, change acceptance, RCA, and preventive improvements.

Modis - Jack in
the Box
Senior Network
Engineer
03/2020 - 06/2021

Enterprise network engineering for a global QSR brand - AWS networking with Palo Alto transparent inspection, plus day-to-day stability work.

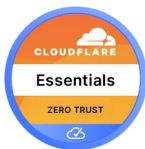
- **AWS inspection architecture:** Designed GWLB/GWLBe + VM-Series transparent inspection patterns for centralized control.
- **Transit design:** Built TGW route segmentation for east-west and egress inspection workflows.
- **Resilience and scale:** Implemented multi-AZ health-driven scaling with Panorama policy consistency.
- **Observability and automation:** Standardized logs/alarms and Terraform-based deployment with rollback plans.
- **Hybrid operations:** Supported Cisco/Fortinet/F5 estates and resolved complex VPN/routing/security incidents.

IBM / Cisco
Cisco Security
Engineer - VPN
Technologies
06/2019 - 03/2020

Global enterprise support focused on VPN and secure connectivity.

- **Global support:** Resolved enterprise Cisco/Meraki incidents with clear customer communication.
- **VPN delivery:** Implemented and troubleshoot IPsec site-to-site and SSL remote access.
- **Operations:** Managed failovers, NAT changes, and network documentation updates.

Certificates



Cloudflare Zero Trust Essentials



Cloudflare Zero Trust Advanced



Cloudflare Zero Trust Engineer



Cloudflare Application Security Essentials



Cloudflare Application Security Advanced



AWS Certified Cloud Practitioner