RASOUL SALAMINIA

Network Engineer

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PROFILE

Hands-on Network Engineer supporting, securing and modernising enterprise networks across Microsoft Azure, corporate sites, datacentres and multi-site branch estates. Strong Azure networking and hybrid connectivity experience (VNets, NSGs, route tables, Azure Firewall, VPN Gateway, BGP), alongside deep Cisco Meraki (MX, MS, MR) and SD-WAN experience for distributed site networks. Skilled in firewalls (FortiGate, Palo Alto, Sophos, Cisco Firepower), dynamic routing (OSPF, BGP, EIGRP), wireless, 802.1X/RADIUS and network segmentation, with Zero Trust and secure-by-default principles applied to every change. Experienced in packet capture and analysis, incident troubleshooting, ISO 27001 ISMS audits, and network automation (Python, PowerShell, Bash). Keen to work directly on cloud, corporate and retail networking in a hands-on engineering role.

CORE SKILLS

Azure & Hybrid Networking: Azure VNets, subnets, peering and IP addressing · Network Security Groups and route tables · Azure Firewall · Azure Application Gateway with WAF · Azure Load Balancer · Azure VPN Gateway and site-to-site IPsec · Azure DNS and private name resolution · Hub-and-spoke landing zones · Cloud migration (on-premises to cloud/hybrid) · Azure monitoring and alerting

Retail, Branch & WAN: Cisco Meraki cloud-managed networking (MX, MS, MR) · SD-WAN (Fortinet) · MPLS, VPLS and internet WAN · Multi-site connectivity · Wi-Fi design and troubleshooting (Cisco, FortiAP, Ubiquiti, EnGenius, MikroTik) · Network segmentation

Routing, Switching & Firewalls: Cisco routing and switching (VLANs, trunking, RSTP, VRRP, GRE) · OSPF, BGP, EIGRP · NAT, ACLs, IPsec/SSL VPN · FortiGate, Palo Alto, Cisco Firepower, Sophos UTM, OPNsense, Juniper · F5 load balancing · DNS, DHCP

Security & Compliance: Zero Trust segmentation and least-privilege access · 802.1X · RADIUS/AAA (Aruba ClearPass, Cisco ISE, FreeRADIUS, Microsoft NPS) · Certificate-based authentication and PKI · WAF · Security hardening, auditing and vulnerability remediation · ISO 27001 ISMS (internal audits, risk and incident management)

Troubleshooting, Monitoring & Automation: Packet capture and analysis (Wireshark, tcpdump, iperf) · Log analysis · Network monitoring and alerting (Zabbix, Rsyslog) · Incident investigation and root-cause analysis · Supplier and ISP engagement · Network automation (Python, PowerShell, Bash) · Documentation and asset tracking

Systems & Infrastructure: Windows Server, Active Directory, Microsoft Entra ID, Microsoft 365 · Linux administration · VMware ESXi/vCenter, Hyper-V · Docker, Podman · SAN/NAS storage · Veeam backup

WORK EXPERIENCE

Network Engineer — pureLiFi, Edinburgh | 2023 – Present

- Design, implement and secure network infrastructure using FortiGate, OPNsense, FortiAP and Cisco, with Zero Trust segmentation and least-privilege access
- Design and operate hybrid connectivity between on-premises networks and Microsoft Azure: virtual networks, subnets and route tables, secured with Network Security Groups and site-to-site IPsec VPN to on-premises FortiGate firewalls
- Deploy and manage Azure Firewall, Azure Application Gateway with Web Application Firewall (WAF), and Azure Load Balancer to secure and distribute traffic to cloud workloads
- Monitor and troubleshoot Azure network connectivity and performance, and support cloud workloads across the hybrid environment
- Extend on-premises identity and DNS into Azure (Active Directory, Microsoft Entra ID, Azure DNS)
- Configure and manage Cisco routing and switching (VLANs, RSTP, port security, 802.1X, OSPF, EIGRP, VRRP, GRE)
- Deploy site-to-site IPsec VPN with certificate-based authentication and SSL VPNs for remote access
- Designed and implemented an isolated test network, fully separated from production, used for packet capture and analysis, equipment testing and support for software teams and customers
- Analyse company devices and products as part of the test team, using Wireshark, tcpdump and iperf for packet inspection, log analysis and performance testing, to verify products against standards and protocols such as FIPS, NIAP, wolfSSL, NIST and IEEE
- Design and deploy WPA2/WPA3 Wi-Fi and LiFi with certificate-based authentication, integrating Aruba ClearPass, Cisco ISE, Microsoft NPS and FreeRADIUS
- Develop network automation using Python, PowerShell and Bash to streamline configuration, monitoring and operations
- Provide network support and troubleshooting; deploy patches and remediate vulnerabilities across on-premises and cloud infrastructure while minimising service disruption
- Support ISO 27001 (ISMS) activities, including internal audits, risk management and incident management
- Build and maintain VMware ESXi/vCenter and Microsoft Hyper-V environments, configuring High Availability and Failover Clustering, and configure SAN and NAS storage
- Build and maintain Docker/Podman services, Certificate Authority and PKI infrastructure, and Linux services (Rsyslog, Nginx, MySQL, FreeRADIUS)

Network Engineer — Favajam | 2016 – 2023

- Deployed, configured and managed Cisco Meraki cloud-managed networks, including MX security appliances, MS switches and MR wireless access points
- Designed and implemented SD-WAN based on Fortinet, and secure WAN connectivity between branch sites using MPLS, VPLS and internet
- Planned and delivered on-premises to Microsoft Azure migrations for customers, including landing-zone network design (hub-and-spoke virtual networks, subnetting and IP addressing) and migration of workloads to Azure virtual machines
- Built secure hybrid connectivity between customer sites and Azure using site-to-site IPsec VPN and Azure VPN Gateway, with dynamic routing (BGP) between on-premises and cloud
- Secured Azure environments with Network Security Groups, Azure Firewall and third-party firewall appliances, with segmentation aligned to Zero Trust principles
- Integrated Azure with on-premises Active Directory and Microsoft Entra ID; configured Azure DNS and private name resolution for hybrid environments
- Implemented Azure backup and recovery, and monitoring and alerting, for migrated workloads
- Designed, implemented, optimised and secured enterprise LAN, WAN and WLAN infrastructure; designed and implemented OSPF, BGP and EIGRP routing
- Deployed and supported Fortinet, Palo Alto, Sophos, Cisco, Juniper and HP network and security solutions, including WAF and F5 load balancing
- Designed, implemented and supported WLAN using Ubiquiti, Cisco, FortiAP, EnGenius and MikroTik technologies
- Datacentre design and implementation based on Nexus switches and Cisco ACI; installed Cisco ISE and Cisco DNAC for customer deployments
- Implemented security hardening and vulnerability remediation across networks and servers; provided network support, troubleshooting and pre-sales technical consulting
- Installed and maintained Linux services (Squid, Zimbra, Zabbix monitoring), Windows Server (Active Directory, DNS, WSUS), VoIP, SAN storage and highly available virtualisation infrastructure

Network Engineer — Telecommunication ICT Company | 2014 – 2016

- Designed, implemented and maintained LAN and WAN networks; installed and configured routers, switches and firewalls
- Implemented site-to-site GRE tunnels over WAN with EIGRP and OSPF routing for branch connectivity
- Conducted security assessments, hardening and configuration reviews across network, firewall, wireless and infrastructure environments
- Designed a new datacentre and led the migration from the old datacentre
- Administered Windows Server, Active Directory, DNS, DHCP and Exchange

Earlier Experience | 2008 – 2014

- *Linux Administrator, Gam Electronic (2012 – 2014):* installed and supported Linux systems and Oracle-based office automation
- *Network Engineer, Atinegar (2008 – 2012):* designed RADIUS/AAA solutions for ISPs; supported VPN-based LAN accounting, bandwidth shaping, and Cisco and Juniper firewalls across core, access and distribution layers

CERTIFICATIONS & COURSES

- Cisco CCNA & CCNP (Routing & Switching) — AsreShabake
- Cisco CCNA & CCNP Security — AsreShabake
- Microsoft Azure AZ-700 Network Engineer (self-study)
- Microsoft Azure AZ-104 Administrator (self-study)
- Microsoft MCSA
- ISMS ISO 27001:2022 Internal Auditor — Alcumus ISOQAR
- ITIL Foundation v3
- Fortinet FCNSA, WAF — MFT
- Linux LPIC-1 & LPIC-2 — Sharif Institute
- CDCP – Data Centre Infrastructure; CISSP, CEH and SOC training — CareerArgham
- Sophos UTM and Cisco Firepower (self-study)