RASOUL SALAMINIA

Network Engineer

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PROFILE

Network Engineer experienced in designing, operating and securing enterprise network, storage and Windows Server environments. Strong hands-on expertise across LAN/WAN/Wi-Fi and data centre networking (Cisco, Fortinet, Palo Alto, Juniper), SAN/NAS storage with backup and disaster recovery, and Windows Server services including Active Directory, DNS, DHCP and Group Policy. Experienced in firewalls, VPNs, patch management, vulnerability remediation and ISO 27001 compliance, and in supporting hybrid on-premises and Microsoft Azure environments. Holds Cisco CCNA and CCNP training (Routing & Switching and Security), ITIL Foundation and ISO 27001 internal auditor qualifications. Motivated by high-availability, security-critical environments, and willing to relocate to Gloucestershire and work on site.

CORE SKILLS

Network & Security Infrastructure: LAN/WAN/Wi-Fi design, optimisation and troubleshooting · Cisco routing and switching (VLANs, RSTP, VRRP, GRE, port security, 802.1X) · BGP, OSPF, EIGRP · Cisco ACI and Nexus data centre design · Cisco SD-Access, DNAC · MPLS, VPLS, SD-WAN · F5 load balancing · Firewalls: Cisco Firepower, FortiGate, Palo Alto, Juniper, Sophos UTM, OPNsense, WAF · IPsec and SSL VPN · Zero Trust segmentation · 802.1X, RADIUS/AAA (Cisco ISE, Aruba ClearPass, FreeRADIUS, Microsoft NPS) · PKI and certificate-based authentication · Wireless controllers (Cisco WLC, Aruba, Ubiquiti UniFi), Cisco Meraki

Storage, Backup & Disaster Recovery: SAN and NAS (EMC, HP, Synology) · SAN switches and storage design · Veeam backup and recovery · Backup and disaster recovery planning · VMware ESXi/vCenter and Microsoft Hyper-V (Failover Clustering, High Availability)

Windows Server & Systems: Windows Server · Active Directory · Group Policy · DNS · DHCP · WSUS · Exchange · NPS · Microsoft 365 · Linux administration (LPIC-1 and LPIC-2)

Operations, Cloud & Compliance: Microsoft Azure (hybrid connectivity; AZ-104 and AZ-700 study) · Network monitoring and alerting (Zabbix) · Incident management and root cause analysis · Patching, firmware upgrades and vulnerability remediation · ISO 27001 ISMS (internal audits, risk and incident management) · ITIL-aligned change processes · Technical documentation · Python, PowerShell, Bash automation

WORK EXPERIENCE

Cybersecurity and Infrastructure Engineer — pureLiFi, Edinburgh | 2023 – Present

Windows Server and systems

- Installed and configured Active Directory, DNS and DHCP servers on Microsoft Windows Server, and deployed Group Policy to manage client devices
- Build and maintain VMware ESXi/vCenter and Microsoft Hyper-V environments, including Failover Clustering, High Availability and NAS/SAN storage
- Configure and manage SAN and NAS storage to support the virtualisation environments
- Install and maintain Linux services (Rsyslog, Nginx, MySQL, FreeRADIUS), Microsoft 365 and endpoint protection

Network infrastructure and operations

- Design, implement, operate and secure network infrastructure across Cisco, FortiGate, OPNsense, FortiAP, Synology and HPE platforms
- Configure and manage Cisco routing and switching (VLANs, RSTP, port security, 802.1X, OSPF, EIGRP, VRRP, GRE)
- Deploy, configure and manage wireless LAN controllers, including Cisco WLC, Aruba and Ubiquiti UniFi, covering SSID and VLAN design, RF optimisation, roaming, access point provisioning and firmware upgrades
- Provide day-to-day network support, troubleshooting and resolution of connectivity issues
- Monitor wired and wireless network health, and carry out root cause analysis of incidents with preventative follow-up actions
- Support and maintain Office 365 and Microsoft Azure in hybrid environments

Security, access control and VPN

- Design and deploy WPA2/WPA3 Wi-Fi and LiFi with certificate-based authentication, integrating Cisco ISE, Aruba ClearPass, Microsoft NPS and FreeRADIUS
- Deploy site-to-site IPsec VPN with certificate-based authentication and SSL VPNs for remote access
- Install, configure and maintain CA and PKI infrastructure, including Root/Intermediate CAs and certificate profiles
- Deploy patches, remediate vulnerabilities and implement security updates across on-premises and cloud infrastructure while minimising service disruption
- Support ISO 27001 (ISMS) activities, including internal audits, risk management and incident management

Projects and continuous improvement

- Designed and implemented an isolated test network, fully separated from production, to test network equipment, perform packet capture and analysis, and support software teams and customers
- Develop network automation using Python, PowerShell and Bash to streamline configuration, monitoring and operations

Network Engineer — Favajam | 2016 – 2023

Network and data centre design

- Designed, implemented, optimised and secured enterprise LAN, WAN and Wi-Fi infrastructure
- Designed and implemented dynamic routing protocols, including BGP, OSPF and EIGRP
- Designed and implemented a data centre based on Cisco Nexus switches and Cisco ACI; designed and installed F5 load balancer
- Deployed secure WAN connectivity between branch sites using MPLS, VPLS and internet; designed and implemented Fortinet-based SD-WAN

Storage, backup and disaster recovery

- Designed and installed SAN switches and SAN storage
- Designed and implemented SAN and NAS storage solutions, including HP, EMC, NetApp, QNAP and Synology
- Designed, implemented and maintained backup and disaster recovery solutions to protect customer and internal data and ensure it could be recovered
- Deployed and maintained highly available virtualisation infrastructure based on VMware and Microsoft Hyper-V platforms across on-premises and cloud environments

Security, wireless and Cisco platforms

- Installed Cisco ISE and Cisco DNAC and deployed Cisco SD-Access (SDA) for customer deployments
- Deployed and supported Cisco Firepower, Fortinet, Palo Alto, Sophos, Juniper and HP network and security solutions, including WAF and firewalls
- Designed, implemented and supported Wi-Fi using Cisco, Ubiquiti, FortiAP, EnGenius and MikroTik; deployed and managed Cisco Meraki networks (MX, MS, MR)
- Implemented security hardening and vulnerability remediation across LAN/WAN networks and servers

Operations, support and delivery

- Provided network support, troubleshooting and monitoring (Zabbix) for customer and internal environments
- Delivered network and security projects for company customers, including pre-sales technical consulting
- Installed and maintained Windows Server solutions (Active Directory, DNS, WSUS), Linux services (Squid, Zimbra, Zabbix) and Elastix VoIP

Network Engineer — Telecommunication ICT Company | 2014 – 2016

- Designed, implemented and maintained LAN and WAN networks
- Implemented site-to-site GRE tunnels over WAN with EIGRP and OSPF routing for branch connectivity
- Installed and configured routers, switches and firewalls; deployed and supported Windows servers and Linux services
- Administered Windows Server, Active Directory, DNS, DHCP and Exchange mail server
- Designed and prepared a new data centre and led the migration from the old data centre to the new one
- Conducted security assessments, hardening and configuration reviews across network, firewall, wireless, OS and infrastructure environments

Linux Administrator — Gam Electronic | 2012 – 2014

- Installed and supported Linux-based office automation systems based on Oracle Application Server and Oracle Database
- Installed, configured and maintained Linux systems and services

Network Engineer — Atinegar | 2008 – 2012

- Designed and implemented RADIUS/AAA server solutions for Internet Service Providers, including ADSL providers and WISPs
- Designed and troubleshot LAN infrastructure across core, access and distribution layers
- Installed and supported VPN servers (L2TP, PPTP) and web proxy for LAN accounting and bandwidth shaping
- Configured and supported Cisco and Juniper firewalls; deployed and administered Windows Server environments including Active Directory, IIS, DNS and WSUS

CERTIFICATIONS & COURSES

- Cisco CCNA & CCNP (Routing & Switching) — AsreShabake
- Cisco CCNA & CCNP Security — AsreShabake
- ITIL Foundation v3
- ISMS ISO 27001:2022 Internal Auditor — Alcumus ISOQAR
- Microsoft MCSA
- Microsoft Azure AZ-104 and AZ-700 (self-study)
- Fortinet FCNSA, WAF — MFT
- Cisco Firepower and Sophos UTM (self-study)
- Linux LPIC-1 & LPIC-2 — Sharif Institute
- CDCP – Data Centre Infrastructure — CareerArgham
- CISSP, CEH and SOC (continuous monitoring and incident handling) courses — CareerArgham
- VMware Certified Professional (VCP) course
- VMware vSphere: Install, Configure, Manage (ICM) course

EDUCATION

Bachelor of Computer Science