Paminder Singh Goshal

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I am a Network Engineer with over 15 years of experience in designing, deploying, and managing network estates of various sizes. I have worked mainly with Cisco, Meraki, Checkpoint, and Motorola technologies. I have worked on network refreshes, security implementation, and automation (using Python). In my career, I have also implemented various WAN and LAN services/technologies (MPLS/SD-WAN/VPN), firewalls, and routing protocols (BGP/OSPF/EIGRP) to ensure continued network performance and security.

Work Experience

Network Engineer (with Security Clearance)
GXO/Wincanton PLC • Remote
02/2023 – Present

- Designing the high and low-level network proposals for the new and existing sites and delivering the network services. This has required me to work with the clients and site managers to determine the requirements and finalise the proposed solution. I have then procured, configured, and deployed the network hardware and infrastructure, ensuring compatibility and performance with the existing estate.
- Coordinated with third parties for Wifi surveys as well as the provisioning and installation of data circuits and internal cabling.
- Deployment of Warehouse RF and Office Wifi solutions using Meraki, Cisco, and Motorola Extreme technologies.
- Integrated and configured network infrastructure inherited from Greenfield, Brownfield, and TUPE sites into the existing network estate.
- Provided BAU support for Cisco, Meraki, and Nortel-based networks via remote and onsite.
- Managed the migration and ongoing administration of Checkpoint firewalls to Smart Cloud and their associated policies as well as creation of Route and Domain based VPNs to third parties for secure access
- Administered Cisco ISE policies to enforce network access control and certificate based authentication.
- Used Python to automate configuration changes on Cisco equipment
- Managed and configured firewall rule sets and site-to-site vpns with third parties (Using Checkpoint)
- Configured and managed rules sets in AWS
- Served as the Technical Lead for new site acquisition deployments and upgrade projects
- Successfully managed a project to migrate over 100 former Wincanton sites into the GXO estate, involving network circuit refreshes, router and switch upgrades, and the creation of new VLANs/IP scopes.
- Facilitated the migration of the estate from aging L2 Nortel/Avaya switches to modern Cisco Meraki solutions.

Network & Security Engineer
Holland & Barrett Int • Nuneaton (Hybrid)
04/2018 – 02/2023

- Worked to deliver a complete network migration from the parent company NBTY Ltd to independent UK-based IT teams. This required me to take full ownership of the network infrastructure, including WAN circuits, firewalls, core routing, and switching hardware.
- Implemented key security solutions including Cisco ISE, Cisco Umbrella, and Cisco ASA firewalls.
- Developed and utilised Python/Meraki scripts for the efficient management of the UK store network estate.
- Managed and configured firewall rule sets and site-to-site vpns with third parties (Using Cisco ASA's)
- Managed and configured AWS rulesets as well as the direct-connect links and routers
- Managed the Cisco, Meraki and Ubiquiti ads head office, DC and stores
- Managed routing protocols between all sites and head office (Mainly EIGRP and BGP)
- Managed technology refreshes and executed Wi-Fi rollouts across the organisation.
- Oversaw the procurement, deployment, and support of network equipment and associated services for stores and data centres throughout the UK, Ireland, and the Netherlands.
- Managed and delivered new services/replacements and upgrades of network infrastructure, including the deployment of Cisco Umbrella and Cisco Firepower on Cisco ASA 5585-X and 5545-X platforms.

Network Engineer
Arriva Trains UK • Birmingham (On-site)
04/2016 – 03/2018

- Maintained and supported network functions and hardware, primarily based on Cisco and Meraki technologies.
- Provided support for WAN links, collaborating with third parties and ISPs.
- Supported and managed Palo Alto and Checkpoint firewalls, ensuring network security.
- Supported Cisco routers, switches, access points, and Meraki Wi-Fi solutions.
- Monitored and managed the company-wide infrastructure utilising SolarWinds and Checkpoint management tools.
- Configured and supported EIGRP, BGP, and OSPF routing protocols, VPNs, proxy services, firewall amendments, MPLS, and DMVPN circuits.
- Replaced aging Cisco core and Netgear L2 switches and implemented an improved VLAN design.
- Created firewall rules to effectively segment Arriva-owned train operating companies that all sat under the Arriva Brand.
- Identified and documented shared services across different franchises, improving visibility and management.

CMO Network Engineer
Verizon • Atherstone (On-site)
05/2015 – 03/2016

- Configured and deployed Cisco-based network devices.
- Monitored network operations and resolved network-based incidents.
- Facilitated the migration of TNT infrastructure into the Verizon NOC.
- Provided support for the CMO migration following the transfer of TNT network functions to Verizon's control.
- Conducted audits of existing network infrastructure and supported the Verizon NOC in the integration of services.

Network and Server Support Engineer
TNT ICS • Atherstone (On-site)
03/2010 – 05/2015

- Monitored network performance and resolved network-based incidents promptly.
- Provided support for Cisco routers, switches, access points, and Meraki devices.
- Monitored and managed the company-wide infrastructure utilising SolarWinds and Checkpoint management tools.
- Developed and executed Bash scripts for the deployment of software to HP-UNIX and RedHat Linux servers.

Education & Qualifications

Manchester Metropolitan University BSc (Hons), Computing • Manchester Achieved: 2:1 2000 – 2005	Cisco Certified Network Professional (CCNP) - 06/2019 Cisco Certified Network Associate (CCNA) - 08/2016

References

Mr Morley Barnes Senior Network Services Manager Holland & Barrett International Ltd Samuel Ryder House Barling Way, Nuneaton, CV10 7RH morleybarnes@hollandandbarrett.com 024 7621 5400	Mr Chris Johnson IT Network And Field Services Manager GXO Logistics Methuen Park, Chippenham, Wiltshire, SN14 0WT chris.johnson@gxo.com 07894049159