



Job Description

Job Title / Location: Network Engineer / Edinburgh, Scotland

Reports To: Network Engineering Lead

Job Purpose:

To deliver network engineering projects and professional services for MNB Networks' ISP, Telco, and enterprise customers across all areas networking technology. The Network Engineer will operate as an extension of the customer's IT team for the duration of each project, delivering initiatives in line with defined scope of works packages.

The role will require a candidate with 3 - 5 years' experience of delivering a variety of network technology-based projects, or BAU support in a NOC environment.

A junior / mid-level Network Engineer who is comfortable with the configuration and migration of various network equipment but wishes to progress their career by working with large, business critical customer networks would be best suited to this role.

Key Responsibilities:

MNB Networks takes immense pride in putting the customer at the centre of everything we do, where our objective is to be engaged as their trusted advisor for all things networking. This is achieved by ensuring the customers are aware of the latest innovations whilst having access to world class consultants and engineering resource.

The Network Engineer is a key position, where they will serve as a point of contact for our customers on specific projects to perform system refresh, upgrade, and migration activities. Key responsibilities are listed below for the role.

- Provide network engineering services to various MNB customers in meetings, verbally and in writing.
- Execute network technology implementations, in line with documentation provided by design team.
- Input to customer designs across network, security, cloud, and multi-cloud network connectivity.
- Developing detailed low level network design diagrams in Lucidchart or similar tools when required.
- Raise tickets and own customer related TAC cases with vendors until resolution.
- Contribute to developing MNB Networks lab environment, products, and consulting services.
- Identify opportunities within new and existing accounts to add value with additional services or solutions.
- Consult with other MNB teams and individuals to deliver for the customer i.e., Sales / Commercial, Project Management, Operations, and third-party suppliers.
- Stay up to date with industry by studying towards new technology for knowledge and certifications.
- Developing good working relationships with a range of people including internal or external customers.
- Ensuring compliance with MNB Networks' policies, procedures, and guidelines, together with all relevant regulatory and statutory requirements.
- Engaging with the organisation's appraisal process, and demonstrate commitment to our values, behaviours, and your continuous personal development.
- Performing other reasonable duties and/or projects as directed by your line manager.

Knowledge, Skills and Experience

This will be a junior to mid level role within the organisation where the engineer will work on high profile networks under the direction of senior consultants and architects.

There will be an opportunity to expand skill sets by working with some of the most experienced Network Engineers and Architects in the industry, with a clear career path into Network Design being possible, as the business grows.

The role is a hands-on position in respect to configuring devices, where the main tasks will be related to implementation and migration work on behalf of, and together with our customers.

Due to the nature of the role, there will be an expectation that the Network Engineer will perform out of hours work for migrations, where this will be accommodated for, with flexible time management and working hours as agreed with the relevant line manager.

KNOWLEDGE (& QUALIFICATIONS)	Essential	Desirable
Entry level network certification in routing and switching (CCNA or JNCIA)	√	
Solid network troubleshooting layer 2/3 protocols	√	
Understanding of security concepts such as Security Zones, DMZ, filtering and IDS / IPS	√	
Fluent in written and spoken English language.	√	
Conceptual understanding of SD-WAN (underlays & overlays)		√
Conceptual Understanding of network automation and cloud / multi-cloud		√
Network security certification (CCNP Security, JNCIS, Fortinet NSE 4/7, Check Point CCSA, Palo Alto PCNSE etc)		√
SKILLS		
Configuration knowledge in layer 3 routing (OSPF, IS-IS, BGP & Static)	√	
Ability to produce high- and low-level design documentation.	√	
Good understanding of MPLS L3VPN and L2VPN core networks (P, PE, CE)	√	
Microsoft Office and Visio or Lucidchart diagram production	√	
Proven track record in providing world-class customer care and service delivery.	√	
Ability to work under pressure and prioritise workload.	√	
Ability to be proactive and work well on their own, or in a team environment.	√	
Knowledge of multiple vendor solutions from implementation perspective.	√	
Network modelling and automation tools (Python, Ansible, Rest API)		√
Network security knowledge (Firewalls, WAF, Web Proxy, SASE, SLB, GSLB)		√
EXPERIENCE		
Experience of reviewing, implementing & maintaining systems (electronic).	√	
Experience in designing, managing, and embedding projects.	√	
Experienced in operational activities such as managing TAC cases.	√	
Worked in an ISP, Telco, or Systems Integrator.	√	
Willing to perform changes out of hours in agreed customer change windows.	√	
Network design exposure i.e., contribution to LLD documents or diagrams		√