



1. Senior Network Specialist (CORE) (Re-Advertised) (1 Position(s))

Job Purpose:

Plan, organize and deliver cost effective, efficient, and highly available Core network infrastructure services that efficiently support Data, Voice, and Video

Main Responsibilities:

- Review and validate internal customer/business requirements to create High-Level and Low-Level Network Designs
- Develop, implement, and maintain policies, procedures, processes, standards and guidelines for network resource administration and appropriate use.
- Manage and ensure optimal operation of all Core network infrastructure equipment for the Data Centre Network connecting network segments.
- Conduct research and propose appropriate recommendations on network products, services, protocols, and standards in support of network services' continuous improvements.
- Provide periodic capacity & forecast planning statistics and periodic reports to aid in management decisions.
- Enhance approaches and technical methods used by Networks team/NOC/Field Support for Branch Network support and troubleshooting techniques to ensure smooth branch business operations.
- Review and support Data Centre Networks and enhancement of the existing Network infrastructure through periodic upgrades (hardware & software).
- Administer network systems related to NMB Branch LAN, WAN, Business partners and Internet to ensure optimized performance and quality in a secure manner.
- Work with Network Service Providers & Suppliers to ensure bank's remote channels and business partners integrations are done effectively and completed within agreed timelines.
- Supplier service contract review and SLA enforcement Management as well as bills validation and reconciliation for better cost-effective management.
- Responsible for design, staging, configuration, implementation, and support for VoIP & Contact Centre systems and configurations installations as necessary and custodian of IP Address Management.
- Responsible for managing and executing internal proof of concepts on new technologies to improve network performance.
- Responsible for knowledge sharing to Level 1 Support team & Network Specialists on solutions to un-documented issues.

- Monitoring of network devices and pinpointing of critical issues exceeding thresholds that could lead to downtime, support network users with access to network resources.

Knowledge and Skills:

- Knowledge of bank's products and operations
- Advanced knowledge of Network Support and troubleshooting
- In-depth knowledge of IP networks, Layer 2 & Layer 3 protocols.
- Advanced knowledge of Cisco Wireless LAN Controllers & Lightweight Access Points
- Knowledge of voice, video and data switches and routers, telecommunications protocols and standards, voice and data infrastructure tools and services, QoS design and operation
- Knowledge of Data Centre Network Technologies (DC Interconnect, Cisco Nexus, VPC, Cisco ACI, SAN, UCS, FI etc.) & Voice technologies (E1s, SIP) Routing and VPNs (BGP, EIGRP, OSPF, QoS, FlexVPN, DMVPN, route redistribution, loop prevention, etc.)
- In-depth knowledge of Network Automation tools and Software Defined Networks (SDNs) including Cisco SD-Access, SD-WAN and ACI.
- IT Service Management, Communication and Project Management skills
- Ability to work on own initiative and be a self-starter, prioritizing work with minimum supervision.
- Committed to self-development and enthusiastic about acquiring new skills and embracing new technologies.
- Team player that motivates and educates other team members especially level 1 and field support.
- Ability to manage network service providers, vendors, contractors, and others.
- Strong understanding of encryption technologies over Wide Area Networks

Qualifications and Experience:

- Bachelor's degree in Computer Engineering, Computer Science, Communication Engineering, or related academic field.
- 5 years combined networking, security, telephony, video, unified communications experience Network design, implementation, and support environment.
- CCNP R&S/Enterprise and CCNP DC (aspirations to become CCIE – DC an added advantage)
- Other Network Professional certifications such as ITILv3, CCIP, CCVP, CCDP, CCDE, ISE, PCNSE, Fortinet NSE, Checkpoint CCSA & CCSE, Radware, F5, Arista, AWS, VCP.
- In-depth experience of Cisco IOS, IOS-XE, NX-OS, WAN, VPN, Wired and Wireless LAN technologies.

NMB Bank Plc does not charge any fee in connection with the application or recruitment process. Should you receive a solicitation for the payment of a fee, please disregard it.

Only shortlisted candidates will be contacted.

Job opening date : 08-Oct-2024

Job closing date : 22-Oct-2024

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2. Senior Network Specialist (WAN/LAN) (Re- Advertised) (1 Position(s))

Job Purpose:

Oversee and manage the enterprise LAN/WAN infrastructure, as well as handling the administration and optimization of service providers leased lines.

Day-to-day network projects and support enhancements, advanced troubleshooting and day-to-day optimizations and support of the bank's Channels and LAN Network infrastructure segments.

Main Responsibilities:

- Design, deploy, configure, and maintain the banks LAN and WAN infrastructure to ensure optimal network performance, availability, and security.
- Manage and support Service Providers leased lines, including monitoring bandwidth utilization, troubleshooting connectivity issues, and coordinating with vendors for timely issue resolution.
- Collaborate with internal stakeholders to understand network requirements and design solutions that align with business needs.
- Implement and maintain network security measures, including firewalls, VPNs, and intrusion detection systems
- Monitor network performance and conduct regular performance analysis to identify areas for improvement and implement appropriate enhancements.
- Troubleshoot network-related issues, perform root cause analysis, and implement corrective actions to minimize network downtime and ensure service continuity.
- Evaluate and recommend network hardware, software, and services to optimize network infrastructure and support future growth.
- Develop and maintain network documentation, including network diagrams, standard operating procedures, and configuration details.
- Collaborate with cross-functional teams, including IT infrastructure, applications, and security teams, to ensure seamless integration and alignment of network solutions.
- Stay up to date with industry trends, emerging technologies, and best practices related to network infrastructure management.
- Provide periodic capacity & forecast planning statistics and periodic reports to aid in management decisions.
- Enhance approaches and technical methods used by Networks team/NOC/Field Support for Branch Network support and troubleshooting techniques to ensure smooth branch business operations.
- Service Contract and SLA Management including bills validation and reconciliation.
- Responsible for knowledge sharing to Level 1 Support team & Network Specialists on solutions to un-documented issues.

Knowledge and Skills:

- Knowledge of bank's products and operations
- Advanced knowledge of the Network Support and troubleshooting
- In-depth knowledge of LAN/WAN technologies, protocols, and standards.

- Advanced knowledge of Cisco Wireless LAN Controllers & Lightweight Access Points
- Advanced Knowledge of Network devices including routers, switches, and firewalls.
- Advanced Knowledge telecommunications protocols and standards, voice and data infrastructure tools and services, QoS design and operation
- Advanced knowledge of Data Centre Network Technologies (DC Interconnect, Cisco Nexus, VPC, Cisco ACI, SAN, UCS, FI etc.)
- Knowledge on Collaboration Systems and Voice Technologies (E1s, SIP)
- Deep understanding in Enterprise Network and Cybersecurity Technologies (BGP, EIGRP, OSPF, QoS, route redistribution, loop prevention, etc.)
- Strong understanding of encryption technologies over wide area networks and Internet (RA VPN, S2S VPN, FlexVPN, DMVPN)
- In-depth knowledge of Network Automation tools and Software Defined Networks (SDNs) including Cisco SD-Access, SD-WAN and ACI.
- Strong expertise in configuring and troubleshooting routers, switches, firewalls, and VPNs.
- Strong expertise in configuring and troubleshooting routers, switches, firewalls, and VPNs.
- IT Service Management, Communication and Project Management skills
- Ability to work on own initiative and be a self-starter, prioritizing work with minimum supervision.
- Committed to self-development and enthusiastic about acquiring new skills and embracing new technologies
- Team player that motivates and educates other team members
- Ability to manage network service providers, vendors, contractors, and others.

Qualifications and Experience:

- Bachelor's degree in computer science, Information Technology, or a related field.
- Proven experience (5 years) as a Network Specialist, Network Engineer, or similar role.
- Must have valid CCNP Enterprise.
- Other necessary Professional certifications include CCNP Security, PMP, ITILv3, PCNSE, Fortinet NSE, Checkpoint CCSA & CCSE, Radware, F5, Arista, AWS, Huawei, or Juniper certifications.
- Relevant certifications (e.g., CCIE, JNCIP) will be an advantage.
- Experience in supporting Multi-vendor Networks (Cisco, Palo Alto, F5, Checkpoints, Fortinet, Radware, Arista, Huawei, Juniper, etc.)
- In-depth experience of Cisco IOS, IOS-XE, NX-OS, SDWAN, ACI, WAN, VPN, Wired and Wireless LAN technologies.
- In-depth knowledge of and experience with major routing protocols; specifically, BGP and OSPF.
- Experience in automation via Bash/shell scripting, Python programming or other languages
- In-depth experience of Network Automation tools and Software Defined Networks (SDNs) including Cisco SD-Access, SD-WAN and ACI.

NMB Bank Plc is an Equal Opportunity Employer. We are committed to creating a diverse environment and achieving a gender balanced workforce.

Female candidates and people living with disabilities are strongly encouraged to apply for this position.

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