Job Title	Network Engineer Level II
Job Level	P - 4
Vacancy: Contract Type: Department:	One (1) position Permanent Payment Systems Department
Location	Central Bank of Liberia, corner of Ashmun & Lynch Streets, Monrovia, Liberia
Background Information	The Central Bank of Liberia (CBL) invites applications from competent and experienced individuals for the position of **Network Engineer Level II** within the **Payment Systems Department**. The selected candidate will play a vital role in **ensuring the reliability, security, and efficiency of the payment system network infrastructure** within the Bank, supporting critical financial transactions and interbank communications. Candidates will be evaluated fairly and comprehensively, allowing the Human Resources Management Department to identify the best individuals for the available position.
Duties & Responsibilities of the Position	**Key Functions:** • Design, configure, and maintain the **network infrastructure** supporting the Central Bank's payment systems, including **RTGS, ACP-ACH, SWIFT, NEPS, Account Mapper, and PAPSS, etc. connectivity**. • Ensure **24/7 uptime** and **high availability** of the payment system network by proactively monitoring network performance, troubleshooting issues, and implementing failover mechanisms. • Implement **network security controls**, including firewalls, VPNs, IDS/IPS, and access control measures, to safeguard critical payment system data. • Coordinate with **telecommunications providers and financial institutions** to establish and maintain secure and efficient connectivity for interbank transactions. • Conduct **network performance analysis**, diagnose issues, and apply optimizations to ensure efficient **latency-sensitive transactions**. • Ensure compliance with **ISO 27001, SWIFT CSP, PCI-DSS**, and other regulatory and industry best practice requirements for secure financial network infrastructure.

	• Collaborate with **payment system administrators and IT security teams** to ensure seamless integration between applications and network infrastructure. • Document network configurations, standard operating procedures, and security policies to maintain up-to-date records for audits and compliance reviews. • Participate in **disaster recovery and business continuity planning** to ensure resilience in case of network failures or cyber incidents. • Provide technical support and training for network-related issues affecting the **Payment Systems Department** and external banking partners.
Minimum Job Qualifications & Experience	• Bachelor's degree in **Computer Science, Information Technology, Network Engineering, or a related field**. • Minimum **5 years** of experience in **network engineering**, preferably in a financial or banking environment. • Certifications such as **Cisco CCNP, Fortinet NSE, Palo Alto PCNSE, or equivalent** are highly desirable. • Experience working with **enterprise-grade networking equipment** (Cisco, Juniper, Fortinet, Palo Alto). • Knowledge of **SWIFT messaging infrastructure, interbank payment systems, and financial network protocols** is an advantage. • Strong understanding of **firewall security, VPN technologies, and network segmentation**. • Experience in **virtualization and cloud networking** (Azure, AWS, or private cloud infrastructure).
Required Competencies & Skills	1. **Technical Expertise:** Proficiency in **network administration, routing, switching, and security** in a high-availability environment. 2. **Security & Compliance:** Knowledge of **ISO 27001, SWIFT CSP, PCI-DSS, and NIST security frameworks**. 3. **Problem-Solving Skills:** Ability to diagnose and troubleshoot **network latency, outages, and connectivity issues** quickly and effectively.

	4. **Collaboration & Communication:** Ability to work effectively with **internal teams, external banks, service providers, and other regulatory bodies**. 5. **Project Management:** Capability to lead and manage **network upgrades, system migrations, and infrastructure improvements**. 6. **Resilience & Availability:** Willingness to be **on-call** and available for **emergency troubleshooting and disaster recovery support**.
Documents Required	• Updated Curriculum Vitae (CV). • Copies of relevant academic and professional certifications. • Cover letter detailing relevant experience and technical expertise. • Three professional references (preferably from the financial or IT sector).

General Application Requirements

Both electronic and/or hard copy applications will be considered. Cover letters should be addressed to Mrs. Maway T. Cooper-Harding, Director of Human Resources Management Department, Central Bank of Liberia and sent to **cbljobs@cbl.org.lr** .

The deadline for submission of applications is **Tuesday, July 1, 2025.**