Network Engineer

The Network Engineer's role is to ensure the stability, integrity, and functionality of ESSA Bank and Trust's local and wide area network. The position may be temporarily remote and/or in office. The candidate will need to be within commuting range of the location.

The position is involved with full life-cycle service planning which includes recommending plans for service strategy, service design, service transition, service operations and continual service improvement. This position requires analysis and planning skills and will develop both high-level service roadmaps as well as detailed implementation plans. Implementation plans include, but are not limited to, service improvements and upgrades (both client facing and administrative), equipment upgrades/replacements, and general design, security, and architecture improvements. This position requires an understanding of network security and may require the development, deployment or integration of network security services.

This position also involves planning, designing, and implementing network infrastructure projects. The Network Engineer should be able to work both independently and as part of a team. Project management skills are desirable. The Network Engineer is expected to be the project manager/lead on a portion of the projects.

This role will also involve working closely with a System Administrator responsible for non-network centric equipment and the successful candidate will be expected to learn about this equipment, so this position can assist and handle basic issues that arise with non-network centric equipment.

EXAMPLES OF DUTIES:

Your work will include, but not be limited to:

- Responsible for secure network design, establishing and enforcing system standards; creating and maintaining accurate technical documentation for WAN, LAN, Wireless, and Firewalls.
- Responsible for optimizing network performance; troubleshooting network problems and outages; scheduling upgrades; perform network optimization, including QoS
- Provide 2nd and/or 3rd level support for WAN, LAN, Wireless, Firewalls, Servers and telephony solutions.
- Participate in capacity planning and yearly budgeting recommendations to management.

- Involvement in project work including project management, selection, recommendation, design, testing, and implementation of various solutions.
- As needed participation in after-hours maintenance windows to update, change, and install various systems.
- Develops training materials, manuals, technical bulletins, online help documents and other user and documentation aids.
- Occasionally conducts formal and informal training for users.
- Serves as escalation point of contact in an on-call rotation for after hours and weekend support.
- Cooperates with, participates in, and supports the adherence to all internal policies, procedures, and practices in support of risk management and overall safety and soundness.

The Position Purpose and Description of Duties sections summarized above provide a representative listing only and should not be regarded as a complete statement of tasks performed by this position. It should be recognized that employees may be asked to perform job related duties in addition to those outlined above.

REQUIREMENTS:

- Bachelor's Degree in Information Technology, Business or related major is preferred.
- CCNA or CCNP Certification is desirable but not a requirement.
- 3-5+ years of experience in network infrastructure and information security support in banking/finance is desired.
- Outstanding interpersonal skills, including ability to communicate effectively with employees at all levels.
- Strong analytical skills.
- Strong sense of accountability and solid organizational skills.
- Proven ability to perform quality work against deadlines.

Strong experience with the following:

- Experience establishing and documenting standards, policies, and processes.
- Proven network security configuration knowledge.
- IP Address Management (IPAM) address best practices.
- Network Access Control (NAC) experience a plus, but not required.
- Strong Troubleshooting and Interpersonal Skills.

- Static and Dynamic Routing Protocols.

- Experience with complex routing scenarios and redundancy.

- MPLS and/or SD-WAN/AD-VPN networking and vendor management.

- Quality of Service (QoS).

- Project management experience is desirable.

- Wireless Networking Configuration and Security.

- Experience with network troubleshooting tools.

- Firewall Configuration and Management.

- Intrusion Prevention and Detection Systems (IDS/IPS).

- General knowledge of the following is preferred:
  - Windows Server 2012 R2, Server 2016, Server 2019, Linux
  - VMWare
  - Security Information Event Management (SIEM), and other network security solutions
  - Fortinet Hardware
  - HP Procurve/Aruba and Switches
  - Nessus

BENEFITS:

We offer a competitive pay structure and comprehensive benefits package that includes:

- Medical
- Dental
- Vision
- 401k with Company Match
- Life Insurance

Equal Opportunity Employer–minorities/females/veterans/individuals with disabilities/sexual orientation/gender identity

About ESSA Bank and Trust:

ESSA Bank and Trust is a publicly traded organization and has continued to provide financial services for over 100 years. The Bank operates 21 community offices throughout the Greater Pocono, Lehigh Valley, Scranton/Wilkes-Barre, and western Philadelphia markets, in Pennsylvania. On March 31, 2022, ESSA Bancorp had consolidated assets of $1.9 billion, loans of $1.34 billion, consolidated deposits of $1.62 billion and consolidated stockholders' equity of $212.7 million.