Position: Network Engineer

About BOX Technology Canada

BOX Technology Canada is a small IT firm that runs the Information Technology systems for BOX Options, a US based options exchange.

Based in Montreal, BOX Technology Canada's team consists of experienced IT professionals that deploy, operate, develop, and test the systems that support BOX's electronic exchange.

We offer a dynamic and challenging environment where our employees, working as a team, can excel in the fast-paced financial industry.

Position Summary

Networks are a critical component of BOX's trading platform. As such the Network Engineer will play an integral role in building and supporting BOX's critical network infrastructure.

Reporting to the Manager of Operations, Information Technology, the Network Engineer's primary mandate is to ensure the continued operation, evolution, and enhancement of BOX's network infrastructure. The Network Engineer will work with infrastructure team members to ensure the efficient operation of BOX's IT systems and the deployment of infrastructure projects.

Principle Duties

- Design, build, and support network infrastructure according to business requirements
- Participate in the design and implementation of IT infrastructure projects
- Keep current with network technologies
- Keep network documentation up to date
- Network monitoring and troubleshooting
- Capacity monitoring and reporting
- Work with vendors and clients
- Support BOX in technology audits

Education and Experience

- Minimum 5 years of experience in designing and supporting critical network infrastructure
- Excellent knowledge of network and firewall technologies (Cisco and Fortinet)
- Excellent understanding of TCP and multicast networks

- Experience with low latency networks
- Experience in designing and supporting network high availability solutions
- Experience using BGP, EIGRP, OSPF, etc
- Experience with packet sniffing applications (NetScout, Wireshark)

Key Skills

- Excellent troubleshooting skills
- Ability to clearly document solutions
- Ability to explain network architecture to non-technical stakeholders
- Excellent communication skills

Position Evolution

In this position, the candidate will have the opportunity to work with the CTO to help define the evolution of BOX's network architecture. In addition, the candidate will have the opportunity to widen their field of expertise to include additional infrastructure components and design solutions that support BOX's business goals.