

## **System Administrator Linux/Windows**

*(The position is located in Montreal, Canada) with BOX's partner Evolution Technologies*

### **Position Summary:**

Reporting to the Director of Operations, Information Technology, the System Administrator's primary mandate is to ensure the continued support, operation, automation, and enhancement of the systems supporting the BOX trading and surveillance platforms. The System Administrator will help drive the continued automation and operation of the different trading and surveillance services across the BOX infrastructure.

### **Position Duties:**

- Ensure the continued operation of the BOX trading, surveillance and associated ancillary systems
- Responsible for the design, implementation and support of the trading and surveillance infrastructure including application, hardware, software, and security, aligned with BOX corporate design principles and policies
- Works with other teams to deliver and support technology solutions to support BOX and its customers
- Write, maintain, review, and approve technical documents
- Act as escalation support for production incidents
- Work at integrating different services in the BOX trading and surveillance eco-system at all levels: application, operating system, security, and infrastructure
- Manage the implementation of changes without adverse impact to continuity of service, adhering to change policies and procedures
- Manage multiple streams of work, project resource requests and out-of-hours/weekend support demands
- Collaborate with other teams for performance tuning, systems deployment, and configuration management

### **Education and Experience:**

University degree in Computer Science, Information Systems, or other related field, or any other equivalent education

- 5+ years of experience designing and supporting critical Linux/Windows infrastructure
- Related system administrator certifications preferred
- Expert level knowledge of RedHat Enterprise Linux (versions 6 and 7)
- Expert level knowledge of Windows Server (2008, 2012)
- Good understanding of infrastructure supporting financial markets
- Good programming/scripting skills (Perl, Python, Powershell, etc)
- Candidate must be resourceful and willing to learn in an ever changing environment
- Excellent collaboration skills
- Good understanding of TCP/IP networking
- Good understanding of storage concepts and technologies

- Knowledge of the following tools/software is an asset: ServiceNow, Nagios, QRadar, Nexpose, Splunk, Kenna, Orion, Syslog, TripWire, McAfee
- Knowledge of the following infrastructure is an asset: Nutanix VM, MQSeries, NetBackup
- Good knowledge and/or experience of the SOLA platform (Trading and Surveillance) is highly desirable

**Communication Skills:**

- Excellent verbal and written communication skills in English is mandatory
- Verbal communication skill in French is an asset