



**Metro-North Railroad**

## **CAREER OPPORTUNITY**

### **Assistant Director, Network Security**

**Location:** Manhattan-Midtown

**Reference #:** 88763

**Grade:** G Min: \$79,859.71 / Mid: \$99,824.64

**Close Date:** 02/06/2017

Metro-North Railroad reserves the right to remove this posting prior to the Application Deadline.

#### **OPENING**

MTA Metro-North Railroad is a dynamic organization, operating out of the jewel of New York City, Grand Central Terminal. We provide service to over 82 million customers annually, traveling in and out of New York and Connecticut. A subsidiary of the Metropolitan Transportation Authority, Metro-North Railroad is the busiest commuter railroad in the nation. MTA Metro-North Railroad strives to provide a safe commute, great service to its customers and rewarding opportunities to its employees.

#### **POSITION OBJECTIVE**

Develop and maintain necessary security models, architecture and technical standards to adequately protect all of Metro-North Railroad's mission-critical and safety-critical control systems which are used to operate, control and support all Railroad Operations.

#### **RESPONSIBILITIES**

Design, develop, test, implement and document computer system security policies, security models, computer system security architecture and technical standards, administrative, end-user guidelines and procedures. This includes the Centralized Traffic Control (CTC) systems for Grand Central Terminal (GCT) and the entire mainline, the Power Control Center systems including Traction power control for third rail and overhead catenary, and Signal Power control in both the New York Operations Control Center and the Emergency Operations Control Center locations. It also includes Field Vital Processor Interlockings, Fiber-Optics Communications Interface Systems, the Operations Remote View Workstation Network and the Signal Control Desk at the New York Operations Control Center.

Design, develop, test, implement and document computer network architecture to provide necessary reliability and redundancy for all mission-critical and safety critical control systems.

Provide necessary enforcement, monitoring, maintenance and recovery of security processes.

Provide necessary training to technical support group personnel on security process.

#### **REQUIRED QUALIFICATIONS**

Good written and verbal communication skills.

Strong interpersonal skills.

Ability to work in a high-profile/high-pressure environment.

Ability to interact with all levels and departments.

In-depth knowledge of Microsoft Office (Word, Access, Excel, PowerPoint).

Position requires 24-hour, 7days week availability.

Knowledge of real-time control and operations systems.

Knowledge of computer virtual system management.

Must possess valid driver's license.

#### **REQUIRED EDUCATION/EXPERIENCE**

Bachelor's degree in Computer Science or related field. Demonstrated equivalent experience, education, and/or technical credentials to include four (4) additional years of related experience may be considered in lieu of degree.

Minimum of seven (7) years of experience with security models, architecture, and LAN/WAN hardware & software systems in a Microsoft NT and/or 2000 operating systems environment, to include experience performing all of the following:

3 years of experience working with firewall configuration and maintenance;

3 years of experience working with LAN/WAN network, router and switch configuration and maintenance, to include TCP/IP, SNMP, RIP2, OSPF Protocols;

2-3 years of experience with data communication including dial-in and remote access connectivity, server configuration and maintenance. (i.e .Remote Server Access(RSA) Advanced (ACE).

CCNA Certification.

CompTIA Network+ certification or equivalent.

#### **PREFERRED EDUCATION/EXPERIENCE**

Technical certification in Microsoft Certified Systems Engineer (MCSE) or equivalent.

Technical certification in Microsoft Certified Systems Administrator (MCSA) or equivalent.

Experience with Unix, Linux and DCE VAX/VMS operating systems.

#### **OTHER INFORMATION**

This is a safety sensitive position and subject to toxicological testing.

#### **SELECTION CRITERIA**

To be selected for a position, an applicant must: (1) meet the minimum requirements in the job posting, (2) pass a written examination (if applicable), (3) satisfy a background investigation (which includes credit, if applicable), and (4) pass an oral interview, during which the interviewers will further evaluate the applicant's qualifications for the position. Because the selection process is competitive, not all qualified applicants are granted an interview. Metro-North may also require the applicant to undergo a physical ability test, and, if the Company extends a conditional offer, may require him or her to undergo a medical examination, which may include toxicological testing.

For applicants who are current employees, you must be in active service and have worked in your present position for at least one (1) year to be eligible to apply for a posted position, and have completed the agreed upon formal training commitment, plus on-the-job training, if applicable (for example: Signal Trainee, Foreman-In-Training, etc.) in order to be eligible to transfer. If you are transferred, you may be required to forfeit your seniority in your present occupation. In addition, Metro-North employees are subjected to an internal investigation, which includes an evaluation of their safety and discipline records and their performance assessments.

As an employee of Metro-North Railroad you may be required to complete a New York State financial disclosure statement, if you earn more than \$91,821.00 or if you hold a position designated as a policy maker.

We offer a competitive salary and a comprehensive benefits package. If interested, please apply online at:

[www.mta.info](http://www.mta.info)

MTA Metro-North Railroad is an Equal Opportunity Employer