

NEW YORK CITY DEPARTMENT OF EDUCATION
CITYWIDE VACANCY NOTICE

CIVIL SERVICE TITLE:

Certified IT Administrator (WAN) (13642)
Level 3

FUNCTIONAL TITLE:

Network Security Engineer

ASSIGNMENT NUMBER:

740-08-017

NUMBER OF POSITIONS AVAILABLE

1 position

PROGRAM AREA:

Division of Instructional & Information
Technology

LOCATION:

2 MetroTech Center - Suite 3600
Brooklyn, New York 11201

SALARY:

\$88,679 - \$94,000

The Office of Chief Information Security is responsible for the secure design, development, installation, management, maintenance, testing, monitoring, implementation and enhancement of computer operating systems, wide area and local area networks (WAN/LAN), software applications and related functions as they apply to data/network communications and on-line applications.

JOB DESCRIPTION:

- Researches, designs, implements and supports network security technologies such as Intrusion Detection System/Intrusion Protection (IDS/IPS), Virtual Private Network (VPN), Remote Authentication Dial-in User Service (RADIUS), Terminal Access Controller Access-Control System (TACACS), access lists, firewall rules, content filters, and secure gateways in support of the DOE's (Department of Education) internal and extranet networks.
- Provides network security expertise within the enterprise IT security organization by maintaining an in-depth awareness of the network infrastructure and an understanding of how the introduction of state of the art security technologies will affect performance, reliability, deployment and management within the network.
- Provides ongoing management and modification of (Cisco MARS) security incident management tool.
- Serves as lead security point of escalation for incident response activities for all network security incidents for the Network Operations Center.
- Collaborates with the vulnerability management team to detect and remediate vulnerabilities.
- Represents the security group in the enterprise network architecture and change management processes.
- Participates and provides networking expertise in forensic analysis activities as part of intrusion detection.
- Creates and maintains documentation for network security configurations, policies and processes.
- Provides training and mentoring to other team members in the areas of network security.

MINIMUM REQUIREMENTS

Cisco Certified Security Professional (CCSP);-OR-
International Info Systems Security Certification Consortium Inc. Certified Info
Systems Security Prof (CISSP);-OR-
Cisco Certified Network Professional (CCNP); -OR-
CompTIA Security+;

AND

1. A baccalaureate degree from an accredited college, and two years of satisfactory full-time (not classroom-based) experience in wide area network planning, design, configuration, installation, troubleshooting, integration, performance monitoring, maintenance, enhancement, and security management;

OR

2. A four-year high school diploma or its educational equivalent and six years of satisfactory full-time (not classroom based) information technology experience of which at least two years must have been as described in "1" above;

OR

3. A master's degree in computer science or a related field from an accredited college may substitute for one year of experience. However, all candidates must have at least one year of satisfactory (not classroom based) full-time information technology experience as described in "1" above.

In addition to meeting the minimum qualification requirements, incumbents may be required to update existing and/or obtain additional professional industry-standard certification(s) for current and future technical environment(s) in which they may be assigned to work, as determined by the employing agency.

PREFERRED QUALIFICATIONS

1. Extensive knowledge of all areas of network security.
2. Experience supporting network security within a large, complex and varied network environment.
3. Specialized experience using Cisco network security products, including: Intrusion Detection System/Intrusion Protection System (IDS/IPS), Virtual Private Network (VPN), ASA/PIX, Terminal Access Controller Access-Control System (TACACS).
4. Specialized experience implementing, tuning and supporting Cisco MARS.
5. Experience working with edge security gateway technologies (content filtering, antivirus/spyware, data leak prevention, etc.).
6. Prior participation in enterprise incident response teams, preferably in a lead role.
7. Broad knowledge of infrastructure, desktop/endpoint, application and data security.
8. Very strong written and verbal communications skills and an ability to communicate technical information to non-technical audiences.
9. Additional security certification preferred (CEH, GIAC).

To apply for this assignment, send resume to:

New York City Department of Education
Division of Instructional & Information Technology
2 MetroTech Center - Suite 3600
Brooklyn, New York 11201
Attention: Agatha Gibbs
OR by e-mail to:
NetSecEng@schools.nyc.gov

Applications must be received by June 30, 2008.

Quote assignment number and day-evening phone numbers on the top right corner of your resume. Only applicants scheduled for interviews will be contacted.

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