

**City of New York
Department of Information Technology and Telecommunications
Job Posting Notice**

Civil Service Title: Certified IT Administrator (LAN/WAN)	Level: 04
Title Code No: 13652	Salary: \$87,203/\$100,284 - \$125,000
Business Title: Network Design Engineer	Work Location: Brooklyn, NY
Division/Work Unit: IT Services	Number of Positions: 2
Job ID: 234614	Hours/Shift: Day - Due to the necessary technical support duties of this position in a 24/7 operation, candidate may be required to work various shifts such as weekends and/or nights/evenings.
Job Description	
<p>DoITT provides for the sustained, efficient and effective delivery of IT services, infrastructure and telecommunications to enhance service delivery to New York City's residents, businesses, employees and visitors. As the City's technology leader, DoITT is responsible for maintaining the foundational IT infrastructure and systems that touch every aspect of City life from public safety to human services, from education to economic development crossing the full spectrum of governmental operations.</p> <p>The successful candidate will serve as a Network Design Engineer reporting to the IT Services Division. Responsibilities will include:</p> <ul style="list-style-type: none"> • Review and evaluate software and network design issues, ensure efficient data flow, scalability, cost-efficiency, and application needs; • Design and code router/switch configurations; • Implement new processes/functions on routers and switches, including but not limited to QoS, multicasting, NTP, VLAN configurations, TACACS, HSRP, Content Networking, and advanced network routing; • Provide advanced-level technical assistance for network problem as reported to the Citywide Service Desk; • Document problem tickets regarding the resolution of problems; • Provide advanced network assistance in new project development; • Perform special technology projects and initiatives as assigned. 	
Minimum Qualification Requirements	
<p>Candidates must possess at least one of the following Professional/vendor certification(s):</p> <ul style="list-style-type: none"> • Cisco Certified Network Professional (CCNP) • Cisco Certified Design Professional (CCDP) <p>In addition, candidates must possess the following:</p> <p>1. A baccalaureate degree from an accredited college, and two years of satisfactory full-time (not classroom based) experience in local area network and/or wide area network planning, design, configuration, installation, implementation, troubleshooting, integration, performance monitoring, maintenance, enhancement, and security management;</p> <p>or</p> <p>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 2 years must have been as described in "1" or 3. A satisfactory equivalent of education and/or experience equivalent to "1" or "2" above. Education may be substituted for experience on the basis that 30 undergraduate semester credits from an accredited college is equivalent to 6 months of experience. A master's degree in computer science or a related field from an accredited college may be substitute for one year of experience.</p> <p>However, all candidates must have at least one year of satisfactory (not classroom based) full-time information technology experience as described in "1" above. Note: 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 environments(s) in which they may be assigned to work, as determined by the employing agency.</p>	
Preferred Skills	
<p>The preferred candidate should possess the following:</p> <ul style="list-style-type: none"> • Combined 7+ years of experience with strong design, deployment and troubleshooting experience with mid to large enterprise network design/implementations: <ul style="list-style-type: none"> • designing and configuring Cisco Nexus and IOS range of switches, and routers • designing and configuring routing protocols (EIGRP, OSPF, and BGP) • designing and configuring F5 LTM and GTM load-balancers • Expert in troubleshooting and problem solving skills; awareness of process improvement methods will be a plus. • Adequate knowledge of core routing and switching design using Cisco recommended best practices. • Ability to facilitate the technical designs and architecture discussion with clients, excellent communications and writing skills. <p>The successful candidate should possess skills in routing/switching with two or more of the following technologies:</p> <ul style="list-style-type: none"> • Cisco Datacenter Technologies (OTV, VxLAN, Fabricpath, Nexus 9k ACI) • Understanding of Network security technology (NG Firewalls, VPN, IOS base security practices, etc.) • Understanding of VMWare Virtualization and stretch datastore across Data Centers. • Understanding of Riverbed Wan Optimizers. • Experience managing Internet and Wide Area Networks; experience and understanding of DNS, LDAP, NTP, Radius, GSLB, domains and various IP based applications. • Strong understanding of MPLS, Multicast, ipv6, DWDM, LAN/WAN network design, configuration, and troubleshooting. • Broad knowledge of various system, network, and security practices. 	

To Apply

Special Note: Taking and passing the Certified IT Administrator (LAN/WAN) civil service exam will be necessary to maintain employment with the City of New York. Filing for this exam is tentatively scheduled for May 2016. Please check the Department of Citywide Administrative Services (DCAS) website (http://www.nyc.gov/html/dcas/html/work/exam_monthly.shtml) at that time for important filing information. For more information regarding the civil service process, please visit the DCAS website at: <http://www.nyc.gov/html/dcas/html/work/work.shtml>

For City employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #234614
For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #234614

-or-

If you do not have access to a computer, please mail resume indicating Job ID # to:
Department of Information Technology and Telecommunications (DoITT)
Recruitment Office - 255 Greenwich Street - 9th Floor - New York, NY 10007

SUBMISSION OF A RESUME IS NOT A GUARANTEE THAT YOU WILL RECEIVE AN INTERVIEW
APPOINTMENTS ARE SUBJECT TO OVERSIGHT APPROVAL

Posting Date: March 14, 2016

Post Until: Filled

The Department of Information Technology & Telecommunications and the City of New York are equal opportunity employers.