

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

Civil Service Title: Senior IT Architect	Level: 00
Title Code No: 06800	Salary: \$100,000 - \$130,000
Business Title: Senior Architect Cloud Network Design and Engineering	Work Location: Brooklyn, NY
Division/Work Unit: IT Services	Number of Positions: 1
Job ID: 252522	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 Senior Architect Cloud Network Design and Engineering reporting to the IT Services Division. Responsibilities will include: Implement and support new network technologies and architecture in support of our on premise, hybrid and cloud environments; develop and deliver network architectures and design involving Software Defined Networking (SDN) and Network Function Virtualization (NFV) technologies to drive network agility and operational efficiencies; provide thought leadership, strategy and lead innovation by exploring, investigating, recommending, benchmarking and implementing technologies for SDN and cloud service orchestration; and handle special projects and initiatives as assigned.</p>	
Minimum Qualification Requirements	
<p>1. A baccalaureate degree from an accredited college and six years of satisfactory full-time experience related to the area(s) required by the particular position; or 2. Education and/or experience which is equivalent to "1" above.</p>	
Preferred Skills	
<p>The preferred candidate should possess the following: Prototype architecture to demonstrate conceptual operation and assess technical feasibility; develop software and virtualization technology design and strategy for next generation services; analyze networking and software technologies and vendors to support service requirements; provide thought leadership, strategy and lead innovation by exploring, investigating, recommending, benchmarking and implementing technologies for SDN and cloud service orchestration; strong experience developing and delivering network architectures and design involving Software Defined Networking (SDN) and Network Function Virtualization (NFV) technologies to drive network agility and operational efficiencies; direct work experience involving LAN and WAN network design, data center architecture, Cloud concepts and operation; highly proficient and hands on experience in the following inter networking technologies IGP (OSPF/ISIS), MBGP/BGP, Multicast, MPLS, L2VPN (VPLS,EVPN), L3VPN, L2 switching, TCP/IP, IPv6, VXLAN, Open flow; demonstrated experience in design, engineering, and virtualization in the cloud environment including: virtual machine deployment and management, cloud orchestration, service instantiation and assurance, and cloud analytics; knowledge of security and enterprise architecture; experience in architecting and building data center fabrics with high availability and high scalability; expert-level working experience with Cisco IOS including configuration and troubleshooting; fluent and demonstrated experience of routing protocols to include: BGP, MPLS, OSPF, EIGRP and QoS; Cisco Nexus Product experience; extensive technology and design experience involving, Networking Protocols, Ethernet transport and Virtual/Cloud Network Architectures; proven experience in: Application Development related to network service delivery (configuration and provisioning), Network Virtualization, Security and Data Center architecture, Cloud Platform deployment involving infrastructure management, service orchestration and instantiation, and business logic integration. One of the following professional vendor certifications is a plus: Cisco CCNA, CCNP/ CCIE certification</p>	
To Apply	
<p>For City employees, please go to Employee Self Service (ESS), click on Recruiting Activities > Careers, and search for Job ID #252522 For all other applicants, please go to www.nyc.gov/jobs/search and search for Job ID #252522 -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</p>	
<p>SUBMISSION OF A RESUME IS NOT A GUARANTEE THAT YOU WILL RECEIVE AN INTERVIEW APPOINTMENTS ARE SUBJECT TO OVERSIGHT</p>	
Posting Date: September 7, 2016	Post Until: Filled

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