



Cloud Solutions Architect

Location: New York, NY

Architecting and designing next generation Edge Computing platform and ecosystem that is secure and reliable. Developing cloud architectures and control techniques for ensuring low latency, high availability, network slicing and other Quality of Service (QoS) characteristics. Deploying and managing virtualized resources at scale, including virtual machines, containers, and 'serverless' systems. Defining compute, virtualization, storage and data analysis technologies to be deployed at the edge. Design and develop professional-quality orchestration scripts and supporting documentation that deploy stacks of resource in an automated repeatable fashion through the use of orchestration engines, such as AWS Cloud Formation or OpenStack Heat, and other automation technologies, such as Ansible.

This includes collaborating in internal and community development teams of Cloud Solutions Architects, Windows Engineers, Linux Engineers, and other Cloud SysOps Administrators via distributed version control systems, such as Git. Design and build virtual networking topologies, including configuring advanced network policies, for complex multi-tiered applications. This includes deploying and configuring infrastructure services, such as Load Balancers as a Service and virtual switches. Provide transport network designs and traffic flows in support of core application deployment in the production and the Lab environment. Detail review of existing network configuration and document them. Implement protocol compatibility standards, develop and implement network enhancements. Ansible Development. Plan, implement, upgrade and provide ongoing support of network routers and switches such as Cisco, Nokia, Juniper, and Arista. Implement, support IP routing, and switching protocols. Implement Data center technologies on the Spine-Leaf Architecture of Nexus, Nokia, and Arista Multilayer Switches. Deploy NFV architecture using software defined networking tools such as Cisco Virtual Topology System (VTS) and Nokia Nuage controller.

Design and implement OpenStack platform 10 and 13 on the core and edge cloud platform. Create standards and automation scripts to add networks, subnets, ports, volumes, subnet pools, routers, security groups, quotas, flavors, key pairs and containers in the OpenStack virtualization platform. Evaluate new products and perform network problem resolution. Assist in the development and documentation of technical standards and implement approved methods of procedures. Work with Security Team troubleshooting issues with Juniper SRX, Cisco ASA Firewalls and F5 Load balancers. Participate in Network troubleshooting calls with vendors, team meetings reviewing business requirements for network project plans.

Requirements:

Bachelor's degree (or US Equivalent) in Information Technology or Information Systems and five (5) years' experience in developing Cloud Architecture. Must have technical knowledge in Networking VMWare, Ansible, Open Stack, Docker Container, Python, Kubernetes, Jira, Git and Jenkins. 40 hours per week, M-F: 9:00 a.m. to 5:00 p.m. Must have proof of legal authority to work in the United States.

Mail resumes to HR at Saturn Business Systems, Inc., 228 E. 45th Street, New York, NY 10017

Job Ref. #20191331