

Senior Network Engineer Role and Responsibilities

High Level Role Description

Unified ConneXions (UCX) is a provider of Professional Services, compute and storage technologies, and support services. The UCX Professional Services Practice meets the needs of our Clients across a variety of domains including Managed Services, network services, security, virtualization services, as well as deployment of a wide array of 3rd party technologies.

Managed Services (MS) is a rapidly growing business for UCX and as such, all UCX Professional Services practice members are engaged in Client site support. Client verticals include K-12 and Higher Ed, local and state government, Fortune 500, and Small Medium Business (SMB). Clients present a wide range of expectations and dependencies on network infrastructure. This role involves servicing geographically dispersed Clients however this role is based in Waxahachie, TX. Candidates living within a ten (10) mile radius of Ellis County or are comfortable with travel to Client sites throughout the State and the US will be given preference.

Qualifications

Education/Accreditations:

- Bachelor's degree or equivalent experience in an I.T. field
- Minimum of 5 years of implementation and configurations of networks focused on routing and switching with 3 years post – CCIE certification
- Minimum required certifications: CCIE
- Desirable / Preferred:
 - MCSE
 - VCP certifications or related experience
 - SCCM experience
 - Cisco switch EEM and Python CLI modules for network automation

Special Knowledge/Skills:

- Broad knowledge of OS's including MS, UNIX with preference given to candidates that have Systems Administration experience
- Solid understanding of IP addressing including subnets and VLANs
- Ability to modify Information security and change management policies
- Referential experience in design, implementation, maintenance, and troubleshooting of UTM and NGFW firewall technologies, configuration involving hybrid infrastructures
- Referential experience in design, implementation, maintenance, and troubleshooting of L2L and RA VPNs
- Referential experience in design, implementation, maintenance, and troubleshooting of diverse equipment manufacturers of wireless and wired

- networks including L2, L3, controllers, AAA, WAN, Internet, SDWAN
- Advanced experience on protocols including OSPF, EIGRP, BGP, MPLS VPN, and VXLAN
- Advanced experience in diagnosing and troubleshooting across a multivendor environment
- Broad knowledge of configuring, maintaining, and troubleshooting networking in virtualized infrastructures
- Advanced knowledge of AD DS, DNS, DHCP, SNMP, Group Policy, Key Management Service, Print Servers, Certificate Authorities, System Center Configuration Manager, and Exchange 2010 or newer
- Ability to create and maintain Microsoft Visio or equivalent documentation, logical, physical and WAN VPN topology
- Ability to research and self-train on new network technologies and willing to apply these new technologies during works
- Streamlining repetitive tasks by using new technologies such as Cisco EEM, SDN and Python scripting
- Knowledge and design and management skills of SAN, NAS, and direct attached storage technologies
- Ability to analyze, troubleshoot, and resolve hardware and application issues

Experience:

This role requires a minimum four years' experience supporting networks and infrastructures. Major responsibilities and duties include, however not limited to the following:

- Responsible for creation and deployment of all Windows applications
- Work closely and effectively with Client personnel and departments to help in the developing technology roadmaps, risk profiles, mitigation plans, and working to resolve issues where needed
- Participate in systems architecture design reviews to ensure that current solutions comply with standards and use approved technologies
- Evaluate and work complex problems/projects where analysis of situations or data require an in-depth assessment of multiple factors
- Develop plan and execute steps necessary for the purposes of verifying the integrity and availability of all hardware, server resources and operating systems
- Must provide pre-sales engineering inputs as required including attending Client meetings, development of Scopes of Work and Levels of Effort, and conducting Proof of Concept deployments
- Create, edit, or maintain backup jobs using approved software to ensure disaster recovery availability
- Collaborate with network and other teams to perform regular security monitoring and provide attack response, mitigation and reporting
- Collaborate with other technology and district teams to develop and enact risk assessments and security policies
- Manage and document all system configurations
- Perform upgrades to hardware and/or software
- Comply with Client's facilities' policies

- Provide reporting and analysis on resource utilization and needs
- Assist in managing systems budget items and collaborate with I.T. leadership to plan cost effective, efficient and technically effective I.T. deployments
- Provide technical leadership and guidance to System Admin and technician staff
- Ability to detect, diagnose, and resolve problems quickly

Additional Notes:

- This position will report to the UCX Professional Services (PS) practice and work directly with the HVE Project Management Office (PMO) for task assignment on a daily basis
- The successful candidate must be able to self – manage with assigned caseload and schedule time effectively / efficiently reporting to the UCX PS leadership
- Preference will be given to candidates that have experience in the assessment and development network security strategies and plans
- This role requires availability for after – hours and on – call responsibilities as scheduled
- Working with the broader UCX PS team, the successful candidate will be able to assess Client infrastructures for exposure to develop mitigation plans and recommendations for the Client
- The role will require working with Sales and the PMO to support pre – sales including the development of levels of effort, scopes and statements of work

Salary and benefits commensurate with accreditations and experience.

Suitable candidates may apply at careers@ucx.co