

As a **Top-Level Architecture (TLA) Network Engineer - Senior**, you will provide services in support of the U.S. Army Network Enterprise Technology Command (NETCOM). You will provide operational and technical engineering support for the implementation, testing, integration, interoperability, and sustainment of information technologies comprising NETCOM Enterprise capabilities. You will support engineering support, testing and technical support in the implementation of the Network Operations (NetOps) capabilities. You will also support government efforts in continued deployment of enterprise NetOps capabilities that directly support the Army's maturing transformation and modularity concepts, doctrine, architecture, and organizations.

This effort provides direct support to the NETCOM CG Priorities:

1. Accomplish the Mission while always taking care of our People and Families
2. Operationalize the Command
 - a. Establish clear roles/responsibilities within the Command
 - b. Standardize our operational/Technical implementations and processes across the Command
 - c. Build an Operational Support capability within the Headquarters
3. Integrate vertically with ARCYBER/Second Army and horizontally with our Supported Commands
4. Lead and synchronize the execution of the Army's Network Modernization effort
 - a. Build on, inherently Joint network based on centralized management; decentralized execution
 - b. Accelerate the Army's network collapse efforts, strategic and tactical
5. Rapidly build and employ Cyber Mission Forces and Capabilities
6. Set and then balance our team to match resources to mission across all Theaters.

Highlights of Responsibilities:

- Providing engineering solutions and support to the LWN/Army DoDIN and Joint Information Environment (JIE) architecture and UC efforts with the goal of improving computer network performance, defense, and security.
- Providing engineering support during system configuration, integrations, and stabilization of security mitigations and intrusion control mechanisms at Army Post/Camp/Station.
- Performing engineering trend and traffic analysis; document and report potential flaws within the network.
- Providing engineering support to Capability Managers for current and planned implementations.
- Analyzing engineering data to support network performance, security, and capacity planning in accordance with Army regulations, directives, and policies.
- Providing engineering support to equipment in the LWN/Army DoDIN such as encryption, Remote client access, NAC, VPNs, Dynamic Host Configurations Protocol (DHCP) controllers, performance analyzers, EoIP, VoIP, and VTC.
- Providing engineering solutions to complex IT problems with regards to UC and IPv6.
- Providing engineering trend analysis; document and report potential flaws with UC and/or IPv6 technologies running on or intended for Army information systems and networks.

Requirements:

- Current Information Assurance (IA) certification (required at performance start date): IAT III (CISA, GCIH, GCED, CISSP (or Associate), CASP). IA Certification Category and Level (IAW

DoD 8570.10-M and BBP 05-PR-M-0002)

- Current Computing Environment (CE) certification (attainable within 6 months of performance start date): Cisco Certified Networking Associate (CCNA)
- Clearance (required at performance start date): IT Level I (in accordance with AR 25-2) SECRET SSBI
- Bachelor's Degree in IT with > (seven) 7 years practical experience or twelve (12) years of direct relevant technical experience may be substituted for education.
- Operating systems (Windows, Linux, Microsoft, Cisco Internet Operating system (IOS), Juniper Operating System (JUNOS)), Netscreen OS, data packet routing, switching, proxy services, and engineering for IP data networks
- Operational and implementation expertise in the following tools and technologies below is required: Unified Capabilities, Everything Over IP (EOIP), VoIP, IPv4/IPv6, Routing Protocols (such as BGP, OSPF), QoS, and VTC.

Preferred Education and Experience:

- Experience in all aspects of the Information Technology (IT) DMZ security, perimeter network security and security-in-depth applications for firewalls (Juniper, Cisco and NGF), MPLS, intrusion detection/prevention (IPS), Internet Security Systems (ISS) and/or McAfee and/or NGF detection/prevention systems, voice and video from a circuit switched Time Division Multiplex (TDM) infrastructure to an EoIP infrastructure, and network segmentation and containment applications using routing, Virtual Local Area Network (VLAN), and other related methods. VLAN, VRF/VPN, NAC/NAP 802.1x, WAN optimizers, SSL accelerators, DHCP controllers, wireless, remote access, performance and protocol analyzer, Load balancer and Active Directory, and PKI.