



Network Engineer

Herndon, VA

Who we are:

Altagrove delivers smart and innovative technology solutions that create competitive advantages for our customers and their missions. Our focus areas include Space, Connectivity, Cyber, Cloud, Analytics, and Solution Integration. As we continue to grow, Altagrove is actively recruiting for a Network Engineer to join our energetic and entrepreneurial team that is executing on a variety of projects that are technology oriented. A successful candidate will bring a core area of expertise and a passion for learning and implementing new ideas in a start-up environment.

Follow us at - <https://www.linkedin.com/company/altagrove>

What you will do:

- Design, configure, deploy, and sustain secure enterprise LAN, WAN, and wireless network environments.
- Install and configure Cisco and Juniper routers, switches, wireless access points, controllers, and supporting network infrastructure.
- Configure Layer 2/3 services including VLANs, trunks, STP, link aggregation, inter-VLAN routing, IPv4/IPv6, and resilient network paths.
- Implement and troubleshoot OSPF, BGP, static routing, route redistribution, and gateway redundancy in enterprise networks.
- Deploy and support enterprise wireless networks, including SSIDs, authentication, RF optimization, roaming, coverage validation, and performance troubleshooting.
- Configure ACLs, NAT, VPN/IPsec, 802.1X, AAA, RADIUS, TACACS+, and network segmentation/security controls.
- Troubleshoot connectivity and performance issues using CLI diagnostics, packet captures, SNMP, syslog, NetFlow, and network monitoring platforms.
- Support network refreshes, migrations, software/firmware upgrades, configuration management, hardening, vulnerability remediation, and change control.
- Develop network diagrams, IP address plans, configurations, implementation procedures, test plans, and as-built documentation.
- Collaborate with systems, cloud, cyber, wireless, and customer teams to support deployments, integrations, testing, and mission execution.

What you will bring:

- Hands-on enterprise networking experience at a CCNA/CCNP level configuring and troubleshooting production network environments.
- Strong experience with Cisco routers and Catalyst switches, including IOS/IOS-XE configuration, operation, and troubleshooting.
- Experience with Cisco enterprise wireless products, including access points and wireless LAN controllers; Catalyst 9800 experience preferred.



Network Engineer

Herndon, VA

- Experience with Juniper Junos-based routing and switching platforms and Juniper Mist wireless products; EX/MX experience preferred.
- Strong understanding of TCP/IP, IPv4/IPv6, subnetting, VLANs, Ethernet, STP/RSTP, LACP, and inter-VLAN routing.
- Working knowledge of OSPF, BGP, static routing, route redistribution, HSRP/VRRP, and high-availability network design.
- Understanding of 802.11 wireless standards, RF fundamentals, channel planning, roaming, 802.1X, and wireless troubleshooting.
- Knowledge of network security concepts including ACLs, segmentation, NAT, VPN/IPsec, AAA, RADIUS, TACACS+, and least-privilege access.
- Experience using Wireshark, packet capture, SNMP, syslog, NetFlow, and network monitoring/management tools for troubleshooting and performance analysis.
- Familiarity with QoS, multicast, SD-WAN, network automation, Python/Ansible, APIs, or infrastructure-as-code concepts is a plus.
- Experience supporting DoD, government, or regulated enterprise networks and familiarity with STIGs, configuration baselines, and vulnerability remediation preferred.
- Bachelor's degree in IT, Computer Science, Network Engineering, Systems Engineering, or related field; equivalent experience may be considered. CCNA required or equivalent demonstrated experience; CCNP preferred.
- Active security clearance preferred; ability to obtain and maintain a clearance required. Must be able to work onsite and travel as required.

What we offer:

At Altagrove, we believe our employees are our most valuable asset, and we treat benefits as an important part of an employment relationship. The Altagrove benefits package includes:

- 10 Paid Holidays.
- Paid Vacation/PTO.
- Medical/Dental/Vision coverage.
- Life Insurance and Disability coverage.
- Annual Bonus Plan.