Senior Network Engineer

Concept Plus is a mission-focused technology solutions provider that transforms IT concepts into impactful solutions for federal agencies. Headquartered in Fairfax, VA, we bring the agility, responsiveness, and customer intimacy of a small business combined with the quality and infrastructure of a larger firm.

Recognized as an award-winning Oracle partner, we have delivered innovative solutions across Defense, Intelligence, Civilian, Health IT, and Tribal sectors. Our highly certified experts build systems that drive efficiency, accelerate modernization, and ensure mission outcomes with certainty.

We offer competitive pay, comprehensive health, dental, and vision insurance, paid life insurance, paid time off, 11 paid holidays, performance bonuses, tuition reimbursement, unlimited training, and the opportunity to thrive in a collaborative, flexible, and innovative environment.

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About the role

Concept Plus is seeking a Senior Network Engineer to design, implement, and operate a hybrid network spanning AWS, Oracle Cloud Infrastructure (OCI), and an on-premises data center for a client. You will design secure connectivity between these environments, speed up tenant onboarding into OCI, and lead troubleshooting of complex issues that span them, all within federal security and compliance requirements.

What you'll do

- Design and implement connectivity between the data center, AWS, and OCI (Direct Connect, FastConnect, Transit Gateway, DRG, IPsec VPN), including BGP policy, redundancy, and failover
- Design and deploy tenant network architectures (VCN/VPC, hub-and-spoke, segmentation, hybrid DNS) to speed up onboarding into OCI
- Support the maintenance of the network as code (Terraform) and automate routine configuration and validation
- Implement network security controls (firewalls, segmentation, IPsec and MACsec encryption) and a Zero Trust architecture aligned with OMB M-22-09 and TIC 3.0
- Diagnose and resolve complex issues across on-prem and cloud
- Maintain network diagrams and documentation for the security authorization process under NIST 800-53 / CMS AR
- Recommend improvements, plan capacity, and support IPv6 adoption

Required Qualifications

- US Citizen
- 6+ years in enterprise network engineering, including designing hybrid cloud networks
- Hands-on production networking experience in both AWS and OCI
- Expert-level BGP; strong OSPFv2/v3; IPv4 and IPv6

- Site-to-site and remote-access VPN
- Experience designing networks in a federal environment (FISMA / NIST 800-53)
- Able to obtain and maintain a Public Trust Clearance

Preferred Qualifications

- CCNP (Enterprise or Security); CCIE a plus
- AWS Certified Advanced Networking – Specialty and/or OCI Networking Professional
- Terraform; Python or Ansible
- MACsec, VXLAN/EVPN, QoS
- TIC 3.0 or federal Zero Trust implementation experience

Concept Plus is an Equal Opportunity Employer. As such, we will give your application full consideration without regard to your race, color, religion, sex, age, national origin, disability, veteran status, sexual orientation, gender identity, or any other classification protected by federal, state, or local law.