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# Example of Network Engineer, Principal Job Description

Our growing company is looking for a network engineer, principal. Thank you in advance for taking a look at the list of responsibilities and qualifications. We look forward to reviewing your resume.

## Responsibilities for network engineer, principal

* Incident and change management in a custom infrastructure delivering network and security services
* Design, engineer, document and implement changes in routers
* Escalation point for networking incidents or complex changes
* Design, deploy, and support the Cloud Platform Engineering networks across multiple, diverse environments (including AWS)
* Lead network engineering design reviews
* Initiate reviews of implemented solutions for deficiencies and facilitate corrections
* Participate in vendor evaluations and make recommendations
* Write technical documentation and training for other staff
* Monitor and carry out preventative maintenance and general administrative tasks relating to the network
* Responsible for the overall integration of a total network (red and black) including the planning, design, installation, maintenance, management, and coordination of one information systems with remote sites throughout CONUS

## Qualifications for network engineer, principal

* Experience with Cisco, Checkpoint fireewalls
* Prefered certifications - Cisco
* CCNA, CCDA, CCNP, CCDP, (CCIE is a plus)
* Experience with checkpoint firewall preferably
* Minimum 5 years of experience with intrusion detection and intrusion prevention systems such as ForeScout CounterAct, Sourcefire IPS, or similar cyber security reporting tools
* ForeScout Certified Administration (FSCA) certification is a plus