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# Example of Networking Engineer Job Description

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

## Responsibilities for networking engineer

* Performs network configuration changes to network switches, routers, and firewalls
* Troubleshoots network routing issues
* Performs IOS upgrades on network routers, switches, and firewalls
* 20% Network Monitoring/administration
* Tier 3 assistance for desktop support if needed
* Work directly with TISCOM Network, C3CEN Command and Control, and ALC Asset Lines
* Maintain USCG Airborne Data Network system architecture configuration data on the USCG SharePoint
* Provide System Life-Cycle services for USCG Airborne Data Networks and Communications Systems including planning, engineering analysis, network system development and implementation, testing, and depot level maintenance
* Troubleshooting of telecommunications and network systems
* Maintain system-setting backups, apply technical changes, and execute regular system level health checks

## Qualifications for networking engineer

* Managing network infrastructure - code upgrades, log file management, troubleshooting, configuring interfaces, access lists
* Experience with Standard internet protocols (Ethernet, ARP, IP, ICMP, UDP, TCP, SSL, DNS, HTTP)
* Experience with Python, Ruby, or Perl
* Proficiency coding in a modern programming language, such as C++, Java, C#, Ruby, or Python
* Proficiency in Linux kernel debugging
* 8+ years’ hands on experience working in customer support industry supporting network infrastructure (L2/L3 devices)