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# Example of Network Engineer Job Description

Our company is growing rapidly and is searching for experienced candidates for the position of network engineer. If you are looking for an exciting place to work, please take a look at the list of qualifications below.

## Responsibilities for network engineer

* Maintains DNS, SNMP, SMTP and related items
* Participates in the development and maintenance of the ITstrategic plan
* Participates in major projects, IT budgets, priorities, standards, procedures, and overall IT performance
* Assist in designing, installing, and analyzing LBNL’s wired and wireless networks
* Work with more senior engineers on small projects or parts of larger projects
* Provide a first level of response to support calls and service request incidents, escalating those that require more senior engineering attention
* Design, install, analyze, and troubleshoot LBNL’s wired and wireless networks
* Serve as a point of contact in the group for network incidents and resolve escalated support calls as needed
* Work with researchers, scientists, laboratory staff, vendors, and upstream network providers to solve users’ network performance issues and design networks to make scientists more productive
* Create and maintain tools used to manage, monitor and troubleshoot LBLnet

## Qualifications for network engineer

* Knowledge of Palo Alto network hardware
* Proficient of Network infrastructure cabling
* Expert in IP addressing, subnetting, and IP Routing
* Proficient in Fiber-optic networking, and all Fiber Layer 1 issues
* Skilled in EIGRP & OSPF configuration and troubleshooting
* Skilled in VLAN, 802.1q, STP, QoS, Port mirroring, and Cisco VTP configuration and troubleshooting