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# Example of Principal Network Engineer Job Description

Our innovative and growing company is looking to fill the role of principal network engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for principal network engineer

* Review End of Support/Sale matters and vulnerability notices, and make recommendations
* Review Capacity reports and make recommendations
* Support of some complex implementations of Core and Data Centre sites (remote)
* Provide day to day administration and support for Cisco based LAN/WAN at 2 US Data Centers and multiple Business Unit sites in North America, accounting for growth and redundancy following corporate guidelines
* Design, plan and implement network installations, modifications and configuration changes to the corporate infrastructure
* Maintain and support VPN and WiFi infrastructure
* Provide support of Cisco VoIP infrastructure
* Update firmware, manage device configurations and maintain global security standards
* Utilize network analysis tools to troubleshoot performance issues
* Maintain enterprise monitoring system to ensure all network hardware is configured properly for event notification

## Qualifications for principal network engineer

* Requires a strong background in networking, switching, routing, and network security, as this position will also help track and diagnosis network performance issues and develop a network performance profiles
* Have very strong customer interfacing background, superior oral and written communication skills
* Other Key Attributes include the ability to research technical issues and develop solutions, strong attention to detail, excellent written and verbal skills, and good organizational skills
* Or commercial storage design efforts
* A minimum of 8-10 years working as network engineer
* Experience with wireless