## Network Engineer Responsibilities

Include:

* Monitoring network engineering performance and ensure system availability and reliability
* Configuring and installing various network devices and services (e.g., routers, switches, firewalls, load balancers, VPN, QoS)
* Performing network maintenance and system upgrades including service packs, patches, hot fixes and security configurations

## Job brief

We are looking for a Network Engineer to design, implement, maintain, and support our growing network infrastructure. You will be part of a [systems engineering](https://resources.workable.com/network-engineer-job-description) team that is responsible for designing and developing scalable, maintainable, highly available network architectures that meet business objectives and SLAs.

## Responsibilities

* Configure and install various network devices and services (e.g., routers, switches, firewalls, load balancers, VPN, QoS)
* Perform network maintenance and system upgrades including service packs, patches, hot fixes and security configurations
* Monitor performance and ensure system availability and reliability
* Monitor system resource utilization, trending, and capacity planning
* Provide Level-2/3 support and troubleshooting to resolve issues
* Work within established configuration and change management policies to ensure awareness, approval and success of changes made to the network infrastructure
* Select and implement security tools, policies, and procedures in conjunction with the company’s security team
* Liaise with vendors and other IT personnel for problem resolution

## Requirements

* Proven hands-on [network engineering experience](https://resources.workable.com/network-engineer-interview-questions)
* CCNP or higher (CCIE and/or CISSP highly valued)
* Deep understanding of networking protocols (e.g., IPSEC, HSRP, BGP, OSPF, 802.11, QoS)
* Solid understanding of the OSI or TCP/IP model
* Hands-on experience with monitoring, network diagnostic and network analytics tools
* University degree in Computer Science or a related subject