



# Example of Network Security Engineer Job Description

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Our innovative and growing company is searching for experienced candidates for the position of network security engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

## Responsibilities for network security engineer

- Perform configuration updates, such as modifying configurations, signature definitions or implementing new policies on various network security tools, as directed
- Assist with daily operating procedures and administration for assigned elements
- Develop and document network and network security topology diagrams
- Be able to leverage other network management tools used by the National Operations Centers or Local Management Centers in the identification and response to security connectivity incidents and faults
- Ensure timely proactive identification and reporting of security gaps and vulnerabilities to the critical business information, systems and network infrastructure
- Assist with security compliance audits to verify completeness of required configurations and verify system hardening
- Participate in the problem investigation connectivity incidents related to security devices, provide recommendations to improve reliability and availability, or reduce recovery time
- Week-long secondary o-call shifts approximately once every 2 months
- Serve as an escalation point for security incidents and service requests
- Serve as a point of escalation for other team members when immediate

## Qualifications for network security engineer

- Minimum 3 years experience supporting Cisco IOS-based firewalls/VPN in production environments
- Understanding of end user security strategies including host based firewalls, transparent proxies, and NAC
- Expertise in wireless security in an enterprise environment
- A minimum of 4 years' within network security engineering focused roles in medium to large scale enterprises, and 8 years of enterprise IT experience
- Bachelors or Master's Degree in Computer Science, or equivalent applicable experience
- Minimum 12 months of related experience involving customer exposure element in Security - special focus on VPN, ASA, IOS, IPS and Firewall