



IT Security Officer

Job Description

The IT Security Officer, or Information Security Officer oversees information security, cybersecurity, and IT risk management programs in accordance with industry-accepted frameworks. An organization's information security officers (ISOs) protect sensitive data from theft or exploitation. A team of IT professionals works with them to develop and implement strategies for safeguarding digital information, such as computer hardware, software, networks, and databases.

Key Responsibilities

- Establishing security policies and procedures in accordance with industry standards, government regulations, and best practices.
- Using firewalls, encryption technology, and data backups to prevent unauthorized access to data.
- Maintaining security systems to ensure their effectiveness.
- Assessing vulnerabilities to cyber-attacks or other security breaches to manage risk.
- Developing security awareness programs for employees,
- Collaborating with outside security auditors to ensure proper security measures.
- Recognizing the source of security issues, such as data breaches or cyberattacks, and taking corrective action to stop them from reoccurring.
- Developing and upkeep of a Disaster Recovery Plan (DRP) to guarantee that corporate operations can be resumed following a disaster like a fire or flood.

Qualifications Needed

- At least a bachelor's degree in computer science, engineering, or mathematics is highly desirable.
- IT or cybersecurity experience.
- CISSO, CISSP, or CISM certification.
- Knowledge of network administration.
- Knowledge of Linux and Windows.
- Technical and analytical abilities.