



Informational Systems Security Manager

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Overview

- Information Systems Security Manager secures enterprise information by designing, implementing, enforcing security controls, safeguards, policies, managing staff and procedures. Also, they plan and carry out security measures to protect computer network systems.



Salary

- According to U.S Bureau of Labor Statistics, Informational Systems Security Manager earn on average \$120,640 dollars per year. The salary range can vary by your knowledge and how much the company is willing to pay.



Need To Know

Security tools that are currently available

Business security practices and procedures

Hardware/software security implementation

Encryption techniques/tools, and various communication protocols.



Specialty Areas

- Proficiency in Microsoft Office Suite.
- Strong organizational and communication skills.
- Have the ability to lead and motivate employees.
- Knowledge of current IT trends.
- Works well under deadlines.



Certifications

- CISSP- confirms an individual's knowledge in the field of information security.
- CAP- measures the knowledge, skills, and abilities required for authorizing and maintaining information systems.
- UNIX/ Linux Certification
- SSCP- You must be capable in Accessing Controls, Cryptography, Malicious Code and Activity, Monitoring and Analysis ,Networks and Communications, Response and Recovery Security Operations.
- Microsoft
- Cisco
- CompTIA



College Major

- Computer security is a sub-field within the larger Phylum of Computer science, though there are some stand-alone programs in network security or information security.
- The two most popular computer security degrees are the Masters and Bachelor's degrees.
- These result in an Bachelor or Masters of Science degree.



Qualifications

- Analyzing Information
- Problem Solving
- Decision Making
- Strategic Planning
- Network Security
- Quality Management
- Tracking Budget Expenses
- Information Security Polices



Specific Areas of Study

- You need a Bachelor's or preferably a Masters degree in a related computer field.
- Up to nine years of experience, or less.
- Some employers may ask for experience more than a degree.



Duties

- Accomplishes human resource objectives by,
- Recruiting
- Selecting
- Training
- Scheduling
- Counseling and disciplining employees
- Enforcing policies and procedures.



Employment Outlook

- The employment in the field of information technology have had abundant job opportunities.
- Most companies want to make sure that they have skilled computer and information systems managers, which can be reflected in high salaries.