

## Objectives and Tasks of Information Security

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**Abstract:** The main goal of information security is to transfer information systems, data and work with them to a form that can be secured and protected with the help of documents, tools and analytical methods. This allows to ensure correct and effective implementation in the field of information provision and protection.

**Key words:** VPN, security, authentication.

The following goals are aimed at ensuring information security:

1. **Data protection:** Data stored in information systems should be protected by methods such as documentation, database encryption, permanent data deletion, and data recovery. This can be done with a number of technical and external tools that are widely used in data security.
2. **Security of Information Connections:** Considers the exchange of information over an information communication network (eg, the Internet, networks, field systems). Data connections need to be protected with methods such as encryption of data connections, VPN (VPN) security, restriction of any connections, and common backup considerations.
3. **Security of documents:** Authentication (for example, password or other authentication methods) and authorization (no access or privilege) system is used to ensure the security of documents that have undergone data modification. Security methods such as document encryption and electronic signature are also used.
4. **Security analysis and monitoring:** Information systems should use monitoring tools to analyze the security situation, determine the security situation, and identify trends. It allows you to detect system security messages, document access attempts, and distributed security problems and security surprises. It allows analysis and monitoring systems, tracking routes in the system, tracking updates, and identifying security issues that are problematic for dissemination.
5. **Security Education and Awareness:** A key part of information security is educating and explaining information security, document security, and security protocols to the personnel and users involved in the system. Through awareness and education processes, users learn how to properly view and encrypt data, use user security credentials (e.g. passwords, two-factor authentication) and documents in accordance with security principles and security regulations. is mounted.
6. **Security Privileges:** Security is important in taking initial steps to protect information systems and data. The primary purpose of this is to provide the necessary privileges for users. These privileges include giving users access to only the information they need, providing them with the right to modify information, and allowing them to use support services in the system.
7. **Implementation of necessary security protocols and standards:** Implementation of security protocols and standards is necessary to ensure the security of information systems. For example, the Transport Layer Security (TLS) protocol of security valid classic example information information exchange in the process encrypts Other safety standards and protocols are also available from them use of the system safety high level provides.

Information safety of provision purpose, data documents, information systems and to them appeal doer employees for protection to do and of them in use security is to provide. This is the goal with

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safety in the field the news tracking, documents and protocols update , security increase for progress from the standards use and security to increase road to put for new safety from technologies use is necessary .

Information safety provide information organizations for critical important have was from goals is one These users and organizations for of information safety provide through personal information , corporate information and of consumers confidence storage enable gives And this businesses , government organizations , banks , medicine , transport and another areas own into takes

Information security , cyber-attacks , data with employees burning , data trade and personal of information chase maturity such as safety in the space free and efficient of operation big to the part becomes The goal this on the ground information safety is to provide , i.e information safe and protected in the form save , to them use the right restriction and security increase in the process to updates belongs to to be

In general when information safety provide goals , documents , technologies , employees and of systems all indicators own into takes and this in the field to the news suitable will come Security provide for successful to be for while technical and external of possibilities use , employees education get and in the system important safety standards done increase is necessary .

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