

Firewalls. Ways of organizing protection

oldi Vlad Maximov Classification of firewalls Filtering routers Gateways circuit level The application level gateway The main methods of deploying firewalls in an enterprise networks The firewall is represented as a filtering router Firewall based on dual-port gateway Firewall based on a screened gateway Firewall with screened subnet The disadvantages of firewalls The organization of comprehensive protection of corporate networks Protection of corporate network from unauthorized access from the Internet Organization of internal security policy corporate network Implementation of firewalls Intensive development of global computer networks, the emergence of new technologies for information retrieval have attracted increasing attention to the Internet from private individuals and various organizations. Many organizations are integration solutions with their local and enterprise networks to the Internet. Use Of the Internet for commercial purposes and the disclosure of information containing information of a confidential nature entails the need to build an effective system of data protection. The use of the global Internet has indisputable advantages but like many other new technologies has and its drawbacks. The development of global networks has led to the multiple increase the number of not only users but also attacks on computers connected to The Internet. Annual losses due to insufficient security of the computers estimated tens of millions of dollars. Therefore, when you connect to the Internet local or corporate network, you must take care of the security of its information security. global the Internet was created as an open system intended for free the exchange of information. Because of the openness of its ideology, the Internet provides cyber criminals greater opportunity to infiltrate information system. Through the Internet, the offender may By getting the attacker's information can be severely compromised the company's competitiveness and the trust of his clients. A number of tasks to counter the most likely threats to internal networks are able to resolve firewalls. Firewall □ a firewall system protection allowing to divide each network into two or more parts and to implement a set of rules defining conditions for passing packets of data across the border from one part of the the total network to another. Typically, this boundary is carried out between corporate the local enterprise network and the Internet, although it can be done and

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