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利用开源软件实现电子阅览室安全网关系统

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摘要 为保证现有电子阅览室设备在IPv4/IPv6过渡时期的正常运转,提出一种采用开源软件搭建的模块化安全网关系统设计方案,并详细阐述设计步骤。运行测试表明该系统性能良好、工作稳定。

关键词： 开源软件　安全网关　模块化设计　NAT　NAT-PT

Abstract： In order to ensure the normal operation of existing equipment that used in electronic reading room for the period while IPv6 hosts and routers co-exist with IPv4 systems, this paper introduces a method for building a modular security gateway system based on open source software and designs its main program flow. The application shows the system performs satisfactorily and works stably.

Keywords： Open source software,　Security gateway,　Modularity design,　NAT,　NAT-PT

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