

SECURITY OF IPV6: TESTING AND ASSASMENT OF IPV6 FIREWALLS

(ABSTRACT)

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The recent growth of IPv6 usage had made unavoidable to analyse whether the IPv6 without IPSec can provide enough security to communicate via IPv6. This analysis is also important since the application of IPSec on the Internet is relatively scarce, and probably will be limited, however IPSec itself provides a good, modular framework. The other security approach, the firewall, becomes building block of each IP network. This presentation will analyse what is available for and what is missing from IPv6 firewalling. It will provide some insight about the IPv6 firewall configuration and the result of recent surveys and performance tests will be also presented.