Abstract

NGN is an IP based heterogeneous network environment, converges wired and wireless
network technologies, offer a wide range of services to the customers with generalized mobility. It enables the customers to avail unrestricted services from different service providers of different networks, ensures enhanced and consistent services and reduces network and operational complexities. NGN, though, is embedded with unique characteristics of offering voice, data and video services over the same network with guaranteed quality of service, there are numerous critical security issues exist which need to be addressed. There are quite a lot of proposals for the security architecture of the NGN, but the ever growing vulnerabilities, threats and the attacks on NGN environment, demand the necessity for NGN security mechanisms. Hence, in this paper, a novel integrated security architecture for NGN has been proposed.

References

- ITU-T Technical Paper. 2013. Migration Scenarios from Legacy Networks to NGN in Developing Countries.
- Mi-Jung Choi and James Won-Ki Hong. Towards Management of Next Generation Networks. POSTECH. Korea.
Index Terms

Computer Science

Security

Keywords

Ngn Security Vulnerability Threat Ip-mpls Ddos