

Abstract

Session :7 Services and Applications offered by NGN and Broadband

Topic:- NGN services: New concepts and NGN open service environment

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NGN which has emerged as new mantra for convergence of telecom, Information technology and broadcasting , offers opportunities both to the service providers for offering new revenue generating services as well as new competitive service offerings for customers.

Work is underway to separate the communications capabilities in today's networks from the networks themselves and to make those capabilities available for integration into the applications of the IT industry. The effort also aims to promote reusability and portability of standardized capabilities, in order to reduce application development costs, to quickly adapt to varying customer requirements and to support an increased variety of business models.

Key to this effort at the core of future multimedia service architectures and service platforms are the SOA (Service Oriented Architecture) and the WS (Web Services) frameworks. ITU-T has started the development of specifications towards the integration of SOA and WS technical approaches in the NGN context. This presentation, building over the basic concept of NGN capabilities, will introduce some key objectives, requirements and capabilities for the support of an advanced open service environment in NGN. The integration of SOA and WS in NGN will be then examined, including some achievements and current standardization challenges.