Abstract

Having recognized the Internet functional and architectural properties as well as its design principles the query becomes whether the Future Internet shall be built between the "evolutionary approach" and the "clean slate approach". Some assumption that it is not capable to resolve the challenges facing today's Internet without rethinking the basic assumptions and design decisions underlying its current architecture. In
this article we first give an overview of the challenges that a future Internet has to address and then discuss service centric approaches for finding potential solutions, as well as clean slate design. When we put into practice a service-oriented architecture via web services technologies, we generate a new approach of building Future Internet. Therefore we have projected Service driven network architecture within this architecture different virtual network connection that assures a given request will be obtainable to the consumer. Service-oriented architecture (SOA) based approach allows new interactive services have high Quality of Service (QoS) necessities to the network the parameters are Jitter, delay, packet loss and efficiently accessible bandwidth. The current Internet architecture cannot support these QoS requirements on a worldwide scale. In order to provide QoS on a wide-reaching level, the future Internet recommend virtual networks as data delivery services that may guarantee all the wants of associate degree application or service. We have a propensity to additionally perform a mensurations study to gauge a mensuration approach, that classifies the QoS of a network association among routers supported active measurements.

References

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