

Measurement Points for Triple Play Services in IP Transport Platform

by

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Abstract

IP technology is the world's most widely distributed transport platform. It is robust and efficient, however lacks QoS mechanisms. This may entail problems in Triple Play services. In such cases QoS measurements should be performed in the network. For this, suited measurement points and versatile measurement systems are required. Their localisation within the IP transport platform is shown on the poster. Here, the following measurement points are distinguished: before and after the Residential Gateway (RG), between RG and xDSL modem, between xDSL modem and DSLAM, between DSLAM and Ethernet Aggregation Router (EAR), between EAR and Broadband Remote Access Server (BRAS) and between BRAS and Application Servers (AS). The layer model on the poster shows the different protocols working at each measurement point. When measurements are conducted, the protocols must be received and decoded by suited measurement systems. One solution for such measurement systems is the package "Trace_View", developed by ITD (co-operation partner of the Flensburg University of Applied Science). In the course of the poster sessions, this system is shown in a live presentation under the use of records with Triple Play traffics.