Subject: Performance of Ethernet Switches for small Packets
Posted by Walter F.J. Müller on Fri, 10 Dec 2004 15:17:34 GMT
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In a recent discussion the question came up what the performance of Ethernet switches is for small packet sizes.

A short look into two market segments showed:
Edge Switches: For the NetGear GSM7224 24 port GE Switch (see specs) the manufacturer claims 48 Gbps bandwidth und 33.7 Mpps packet rate, thus full wire speed full duplex also with minimal size packets.
Core Switches: For the Force10 TeraScale E-Series E1200 Switch (see specs) the manufacturer claims zero packet loss when run at wire-speed with minimal size packets (see report), giving for example 1.34 Tpbs and 1 Gpps for 672 GE ports run full duplex.
Question: Is there somewhere a published test of recent switches in an environment which resembles our many-to-1 event building szenario ?