



BroadForward sets new Diameter performance benchmark for the BFX Broadband Policy Gateway

BFX, BroadForward's interface gateway for connectivity and interfacing of systems in 3G, LTE and IMS network environments, shows outstanding results in supporting high volumes of Diameter traffic.

AMERSFOORT, The Netherlands, August 1, 2012

BroadForward, the leading expert in broadband interfacing software, today announced it has completed benchmark tests showing the BFX Broadband Policy Gateway capable of handling over 100,000 Diameter messages per second on a single 1U server.

Operators are looking to implement Diameter connectivity across their broadband systems and networks. As a consequence, integration and interoperability are becoming key topics. The BFX Broadband Policy Gateway is part of BroadForward's suite of interfacing software products, providing fast and flexible implementation and adaptation of broadband interfaces and interworking functions, for a wide range of protocols such as Diameter, RADIUS, XML, SOAP, LDAP and SS7.

Raymond van der Laan, Head of Engineering of BroadForward, comments: "Interface gateways such as BFX handle multiple connections on different interfaces in the operator's network. With high performance and low latency being crucial attributes, only very lean and efficient middleware layers are therefore found suitable for modern broadband systems and networks. The BFX Broadband Policy Gateway is the fastest and most flexible solution for interface connectivity, while adding very little overhead. BFX has been specifically designed to deliver maximum throughput performance at minimal latency. And through continuous improvement of our software, we ensure BFX remains the fastest broadband interface gateway on the market."

To conduct the Diameter benchmark tests, BroadForward works closely together with the industry's two leading hardware vendors. Standard, off-the-shelf hardware is being used for the tests, representing common hardware configurations typically in use by Telecom operators. The latest tests were performed on Intel Xeon CPU based servers. In addition to benchmarking the BFX software in terms of messages and transactions per second, the tests focused on CPU utilization, system latency and the impact of complex interworking scenarios on overall performance.

"We have set a new Diameter performance benchmark. At a CPU utilization of 80%, BFX is capable of handling over 100,000 Diameter messages per second, on a single 1U server", Raymond van der Laan continued. "Combined with minimal latency and very low memory and disk usage, BroadForward clearly proves that the BFX Broadband Policy Gateway is the leading carrier-grade, high performance solution for connectivity and interfacing of systems in mobile broadband network environments."

About BroadForward

BroadForward is the leading expert in broadband interfacing software for Operators, Product Vendors and System Integrators. Through its BFX product suite, BroadForward provides fast and flexible interworking, conversion, aggregation, routing and enrichment functions for a wide range of protocols, such as Diameter, RADIUS, XML, SOAP, LDAP and SS7. BroadForward was founded by an internationally recognized team of mobile telecoms experts with a track record in building carrier-grade, revenue generating products and services for global mobile operators. R&D at BroadForward is 100% focused on improvement of connectivity and enrichment of broadband systems. BroadForward's software development is entirely done in The Netherlands.

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