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6WIND Announces dpdk.org Open-Source Project to Accelerate Development of Intel Architecture-Based Networking Products

Consolidated source of libraries, drivers, documentation and support for software developers using Intel® Data Plane Development Kit

PARIS, April 9, 2013 — 6WIND, the gold standard for data plane processing in software-defined networks, today announced the establishment of an open-source project that provides a comprehensive set of resources to accelerate the development of Intel architecture-based networking products. At dpdk.org, engineers can find libraries, drivers, documentation, development mailing list, git repository and support relevant to high-performance packet processing using the Intel® Data Plane Development Kit (Intel® DPDK) software. As the founder of dpdk.org and a major contributor to the project, 6WIND will discuss its Intel® DPDK solutions and services in booth 401 at the Open Networking Summit in Santa Clara, CA from April 15th through 17th.

In telecom, enterprise and cloud applications, the latest high-performance Intel® architecture processors are an increasingly viable foundation for packet processing, thanks to continued improvements in their architectures combined with software enhancements provided by the Intel® DPDK, which is a set of optimized libraries and drivers provided to OEMs under a BSD licensing model.

Since the launch of the Intel® DPDK, several software companies have introduced extensions to its baseline functions as well as initiatives that provide professional services and technical support to developers. For example, 6WIND has developed strong expertise in leveraging the Intel® DPDK as a result of optimizing its 6WINDGate data plane solution, comprising Layer 2, IP forwarding, virtual routing, IPsec, firewall, Large Scale NAT and TCP termination, to run on that platform. Resources from these companies are accessible via dpdk.org, along with patches from other developers within the open-source Intel® DPDK community.

“Since introducing support for Intel® Xeon platforms within the 6WINDGate™ networking software, we have seen that the Intel® DPDK makes them increasingly attractive as a foundation for our high-performance packet processing,” said Vincent Jardin, Chief Technical Officer of 6WIND. “As the community of developers using the Intel® DPDK grows, the new dpdk.org open-source project will provide an openly-accessible repository for released versions, while encouraging innovative collaboration and enabling participating companies to offer specialized support.”

The dpdk.org project is active now and openly available to any developers using the Intel® DPDK.

About 6WIND

6WIND provides the only commercial software solution that solves network performance challenges for OEMs delivering advanced networking functions in mobile infrastructure equipment, networking appliances and data center networking. The company’s 6WINDGate™ networking software is optimized for cost-effective hardware based on industry-standard multicore processors, enabling rich Software Defined Networking (SDN) services and Network-as-a-Service capabilities that monetize services such as bandwidth, QoS and security. 6WIND delivers sustainable competitive advantages to both service providers and network equipment manufacturers. A privately owned company, 6WIND is based near Paris, France with regional offices in China, Japan, South Korea and the United States. For more information, visit <http://www.6wind.com>.

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