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Google, IBM, Mellanox, NVIDIA et Tyan annoncent la création d'un consortium de développement dans le domaine des datacenters

IBM apporte sa technologie POWER au développement libre et marque un tournant dans cette industrie

Paris, France - 08 août 2013: Google, IBM, NVIDIA, Mellanox et Tyan annoncent aujourd'hui la création du Consortium OpenPOWER, une alliance de développement libre exploitant l'architecture de microprocesseur POWER d'IBM. Ce consortium vise à développer des technologies avancées dans le domaine des serveurs, des réseaux, des cartes graphiques et du stockage afin d'offrir plus de choix, de flexibilité et de contrôle aux développeurs des datacenters de prochaine génération, de très grande taille et optimisés pour le cloud.

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Google, IBM, Mellanox, NVIDIA, Tyan Announce Development Group for Data Centers

SAN FRANCISCO, August 8, 2013 – Google, IBM, Mellanox, NVIDIA and Tyan today announced plans to form the OpenPOWER Consortium – an open development alliance based on IBM's POWER microprocessor architecture. The Consortium intends to build advanced server, networking, storage and GPU-acceleration technology aimed at delivering more choice, control and flexibility to developers of next-generation, hyperscale and cloud data centers.

The move makes POWER hardware and software available to open development for the first time as well as making POWER IP licensable to others, greatly expanding the ecosystem of innovators on the platform. The consortium will offer open-source POWER firmware, the software that controls basic chip functions. By doing this, IBM and the consortium can offer unprecedented customization in creating new styles of server hardware for a variety of computing workloads.

*"The founding members of the OpenPOWER Consortium represent the next generation in data-center innovation," said **Steve Mills, senior vice president, and group executive, IBM Software & Systems**. "Combining our talents and assets around the POWER architecture can greatly increase the rate of innovation throughout the industry. Developers now have access to an expanded and open set of server technologies for the first time. This type of 'collaborative development' model will change the way data center hardware is designed and deployed."*

"We are happy taking part in the OpenPOWER Consortium and its mission to further accelerate the rate of

*innovation, performance and efficiency for advanced data center solutions," said **Gilad Shainer, vice president of marketing at Mellanox Technologies.** "Open source and community development are key to enabling innovative computer platforms and better serve the scalable and emerging applications in the areas of high-performance, Web 2.0 and cloud computing. Mellanox's mission is to provide the most efficient interconnect solution for all compute and CPU architectures and deliver the highest return-on-investment to our users."*

As part of their initial collaboration within the consortium, NVIDIA and IBM will work together to integrate the CUDA GPU and POWER ecosystems.

*"The OpenPOWER Consortium brings together an ecosystem of hardware, system software, and enterprise applications that will provide powerful computing systems based on NVIDIA GPUs and POWER CPUs," said **Sumit Gupta, general manager of the Tesla Accelerated Computing Business at NVIDIA.***

*"OpenPOWER will bring a new wave of innovation to next-generation data centers," said **Albert Mu, general manager of Tyan Computer and vice president of MiTAC International Corp.** "A strong ecosystem built around OpenPOWER will bring a range of new technology choices to market, offering more capabilities for Tyan's customers."*

OpenPOWER is open to any firm that wants to innovate on the POWER platform and participate in an open, collaborative effort. For more information about the consortium and how to join contact, info@open-power.org.
