

IBM dévoile des nouveaux serveurs, logiciels et solutions pour accélérer l'adoption du Cloud Computing par les clients

IBM lance de nouveaux systèmes Power pour le Cloud Computing, une nouvelle solution de Software Defined Storage, un Cloud hybride z Systems pour développer des applications mobiles ainsi qu'un mode de licence flexible pour les Clouds hybrides

Paris - 11 mai 2015: Dans le cadre de sa conférence IBM Edge Conference, dans le but d'aider davantage de clients à créer des environnements de Cloud hybride, IBM (NYSE: [IBM](#)) annonce aujourd'hui de nouveaux serveurs, ainsi que de nouveaux logiciels et solutions dans le domaine du stockage et pour ses mainframes. IBM propose également un mode de licences logicielles flexible pour son middleware en mode Cloud hybride.

Les nouveautés proposées par IBM aujourd'hui portent sur :

De nouveaux serveurs

- **IBM Power System E850** : IBM propose le premier système 4 sockets offrant la fonctionnalité de capacité à la demande (COD) et garantissant un taux d'utilisation jusqu'à 70%(1). Le E850 est une solution idéale pour les fournisseurs de Cloud ou les petites et moyennes entreprises qui ont besoin de déployer des charges de travail multi-tenant et in-memory. Grâce à ses 4 To de mémoire et ses 48 cœurs Power8 dans un serveur de 4U, le E850 est une solution ultra dense qui répond parfaitement aux fluctuations des besoins applicatifs.
- **IBM Power System E880** : En parallèle des améliorations matérielles permettant au E880 d'atteindre son plein potentiel de 192 cœurs, les tests IBM confirment la parfaite linéarité des performances DB2 BLU jusqu'à la pleine capacité de la machine. Les déploiements en mode Cloud limiteront les pertes de performances quand ils atteindront ce niveau de scalabilité, ce qui n'est pas possible sur les plateformes de commodité.

Des solutions qui visent l'optimisation économique

- **Power Systems Solutions pour supporter SAP HANA** : SAP et IBM annoncent le support de la base de données in-memory SAP HANA sur la gamme Power avec la mise à disposition de configurations Power8 économiques pour toutes les applications analytiques basées sur SAP Business Warehouse.
- **IBM PurePOWER System** : L'infrastructure convergée serveurs, réseau, stockage sécurisée la plus rapide à déployer pour un Cloud basé sur l'open source. Gérée avec OpenStack, elle offre un hyperviseur sans faille de sécurité et un ROI rapide en permettant une densité de charge de travail jusqu'à 12 fois

supérieure(2).

- **IBM Spectrum Control Storage Insights** : Capitalisant sur son investissement de 1 milliard de dollars dans IBM Spectrum Storage, cette nouvelle solution de Software Defined Storage fournit en mode Software as a Service une surveillance des données sur site. Elle fournit aux clients des vues personnalisées de la consommation du stockage par département de l'entreprise ou par application. Déployée en moins de 30 minutes, Storage Insights simplifie la gestion du stockage et apporte la puissance de l'analytique pour augmenter le taux d'utilisation des disques, récupérer la capacité inutilisée et optimiser le placement des données sur la classe de disque adaptée. Ceci permet ainsi de réduire le coût du stockage jusqu'à 50% par Go.
- **IBM XIV GEN 3** : Nouveau système conçu pour le Cloud avec la compression en temps réel qui permet de réduire les coûts de possession significativement. La compression en temps réel permet de stocker de 50 à 80% de données supplémentaires sans ajout de matériel et avec un impact applicatif quasi nul. Associée à un coût de gestion faible, une efficacité énergétique inégalée sur le marché, la technologie de compression brevetée IBM XIV Gen 3 fournit un coût de possession 42% inférieur à celui d'une baie HP 3 PAR (3).

De nouvelles solutions pour le Cloud hybride

- **Big Storage Technology** : Aperçu technologique d'un nouveau service d'archivage actif en mode Cloud pour les clients qui souhaitent stocker de grands volumes de données et pouvoir y accéder rapidement, à la demande et au meilleur coût. Ce service de qualité entreprise est piloté conjointement avec Iron Mountain et conçu avec des clients pour de nombreux cas d'usage.
- **Rocket's Mainframe Data Access Service sur Bluemix** : Fournit aux clients un moyen simple, fluide et sécurisé pour connecter leurs données du mainframe IBM z Systems aux applications mobiles et en mode Cloud hybride à travers Bluemix. A partir de juin 2015, les clients pourront bénéficier d'une version d'essai gratuite du service leur offrant un accès universel aux données, indépendamment du format ou de la localisation de l'interface. Cette solution supporte VSAM, ADABAS, IMS, CICS et DB2, SMF, bande et Sys Logs, et elle permet d'accéder aux données par les APIs MongoDB, JDBC, web services, SQL et le protocole REST via z/OS Connect.
- **Une politique de licences logicielles IBM flexible pour les Cloud hybrides** : De nombreux produits IBM sont disponibles en licence mensuelle incluant WebSphere Application Server à partir de 166\$ par mois par cœur. Les clients peuvent librement déplacer des licences mensuelles entre des Clouds sur site, publics et privés, selon leurs besoins, ceci incluant les Cloud IBM SoftLayer et les Cloud tiers. Les clients rendent les applications d'entreprise existantes compatibles avec le Cloud et les déploient à travers les Clouds sur site et hybrides sans modifier leurs applications au moyen de IBM PureApplication Service on SoftLayer. En juin, IBM fournira un portail en libre-service à ses clients pour faire croître leur infrastructure et leurs licences logicielles pour des déploiements hybrides en quelques minutes au moyen de PureApplication Service.

Cliquez [ici](#) pour une liste des capacités IBM Software disponibles pour les Cloud hybrides.

IBM propose également une offre d'essai gratuite avant achat pour les principaux middlewares pour le Cloud

hybride.

Pendant une durée limitée, les clients peuvent utiliser WebSphere Application Server sur site et dans un Cloud public gratuitement.

(1) See “Why your virtualization matters” report, page 21, 2014, Solitaire Interglobal Ltd. Power E550 server (machine type-model 8408-E8E) shall perform according to its specifications when operating at an up to 70% utilization subject to the terms and conditions of this offer.

(2) PurePower System is Based on PowerVM which, in a search on National Vulnerabilities Database (web.nist.gov) has zero documented vulnerabilities over the last three years.

(3) International Technology Group, IBM XIV Storage System and HP 3PAR StoreServ

Comparing Costs and Capabilities for Cloud Deployments.

A propos du Cloud Computing d'IBM :

Pour plus d'informations sur les offres Cloud d'IBM : <http://www.ibm.com/cloud-computing/fr/fr/>

Suivez notre actualité sur Twitter [@IBMCloudFR](https://twitter.com/IBMCloudFR)

IBM Unveils New Servers, Software and Solutions to Help Customers Accelerate Hybrid Cloud Computing

Launches New Power Systems for Cloud Computing

Delivers New Software Defined Storage

Creates z Systems Hybrid Cloud for Developing Mobile Apps

Reveals Flexible Software Licensing for Hybrid Clouds

Las Vegas, NV, IBM Edge Conference - 11 May 2015 - In a move to help more clients create hybrid cloud computing environments, IBM (NYSE: IBM) today announced new servers and storage software and solutions

designed for cloud computing. IBM also revealed flexible software licensing of its industry-leading middleware to help clients speed up their adoption of hybrid cloud environments.

Businesses are increasingly adopting hybrid cloud environments to integrate existing technology investments (systems of record) with new workloads in the cloud (systems of engagement) driven by mobile, big data and social computing. These systems bring new waves of data that can make moving computing workloads around a challenge because they reside in a variety of on-premises data centers and inside public and private clouds. The combination of IBM Power Systems, IBM Spectrum Storage, IBM Middleware, IBM SoftLayer and OpenStack software can help clients more simply navigate between these environments and gain valuable insights on key business data.

"IBM hybrid cloud solutions are built for the enterprise and clients are using them to help enable new business models to drive growth," said Don Boulia, Vice President of Cloud Services, IBM Systems. "Hybrid cloud computing requires new levels of openness, dynamic data management, integration, automation and scalable performance in server, storage and software technologies. IBM brings all of these technologies together from on-premises data centers and inside public and private clouds to more efficiently manage traditional computing with new mobile, big data and social computing workloads."

New IBM Power Systems, IBM Spectrum Storage, IBM z Systems and Big Data storage solutions for Hybrid Clouds

- **IBM Power System E850** - Introducing the industry's first 4-socket system with flexible capacity and up to 70 percent guaranteed utilization.(1) The E850 is an ideal solution for cloud service providers or medium and large enterprises looking to securely and efficiently deploy multi-tenancy workloads, while speeding access to data with larger in-memory databases with up to 4TB of installed memory, optimized for the peaks and valleys of business needs.
- **IBM Power System E880** - In conjunction with our latest enhancements to the E880 that allow it to scale to an unprecedented 192 cores, IBM testing has shown that critical data-intensive business workloads like IBM DB2 with BLU Acceleration exhibit ideal linear scaling all the way up to this capacity. That means that cloud deployments will experience reduced loss of efficiency when scaling at this level -- a capability that does not exist on commodity hardware.
- **IBM PurePower System** - Quick-to-deploy compute, networking and storage converged infrastructure with advanced security capabilities. Securely deliver insights in the cloud; managed with OpenStack and adaptable to changing needs, PurePower offers rapid implementation and ROI with up to 12X greater workload density than select competitors and a virtualization hypervisor with zero documented vulnerabilities.(2)
- **IBM Spectrum Control Storage Insights** - Building on its \$1 billion investment in IBM Spectrum Storage, this new software-as-a-services solution provides data management as a hybrid cloud service to optimize on-premises storage infrastructures. It provides clients with individual views into storage consumption at the department or application level. Deployed in as little as 30 minutes, [Storage Insights](#) simplifies storage

management by improving storage visibility and applies analytics to ease capacity planning, enhance performance monitoring, improve storage utilization by reclaiming under-utilized storage and lower the cost of storage up to 50 percent per GB by optimizing data placement.

- **IBM XIV GEN 3** - New system designed for cloud with IBM Real-time Compression that dramatically reduces total cost of ownership. IBM XIV grid architecture integrated proven real-time compression technology can store 50 to 80 percent more data and with little or no application impact. This IBM unique enterprise storage capability dramatically reduces the cost per effective usable capacity. Combined with low cost of management, industry leading power efficiency, and patented Real-time Compression, IBM XIV Gen3 provides lower than 42 percent total cost of ownership than HP 3PAR. (3)
- **Big Storage Technology** - A technology preview of a new active cloud archive service for clients to store large amounts of data and easily retrieve it on demand, at the lowest cost possible. This enterprise grade cloud service is being piloted with our service partner Iron Mountain, and design partner clients with a variety of business use cases.
- **Rocket's Mainframe Data Access Service on Bluemix:** Provides clients a simple, seamless and secure connection to data on the IBM z Systems mainframe for development of new mobile and hybrid cloud apps through Bluemix. Starting in June, clients can access a no-charge trial of the service, which provides universal access to the data, regardless of location interface or format, including VSAM, ADABAS, IMS, CICS and DB2, SMF, Tape and Sys Logs, and allows access to that data through methods developers prefer, including MongoDB APIs, JDBC, web services, SQL and the REST protocol via z/OS Connect.

"Zucchetti, a leading Italian IT provider and independent software vendor (ISV), has selected IBM Power Systems servers with POWER8 processors and Linux to deliver the company's solutions portfolio via the cloud and speed application data up to three times faster. The company services more than 100,000 clients across manufacturing, retail, banking, legal and government industries across Europe. "IBM Power Systems allow us to bring our clients the capabilities they need while maintaining a high degree of security, availability and scalability," said Gregorio Piccoli, CTO of Zucchetti. "As the cloud market grows, the combination of Zucchetti's applications and IBM POWER8 processor-based servers will enable new cloud and competitive opportunities, giving our company the edge it needs in the innovation arena."

Nuance is a leading provider of voice and language solutions for businesses and consumers around the world. The Burlington, Massachusetts based company's speech solutions support up to 50 different languages and are used by nearly two-thirds of Fortune 100 companies. The company uses IBM software defined storage technology to store and manage its data used in the development of its products. "IBM Spectrum Control Storage Insights deploys very quickly from the cloud, and the browser based tool is extremely easy to use," said Bob Oesterlin, Senior Storage Engineer, HPC Grid, Nuance Communications. "This is particularly important to small IT teams that are tasked with ensuring storage is performing optimally but don't have the resources to manage additional on-premises tools."

Flexible IBM Software Licensing for Hybrid Clouds

Many IBM Software products are available for monthly licensing including its industry-leading WebSphere Application Server starting at \$166 per month, per core. Clients can freely move monthly licenses between on-premises and public and private clouds as needed including on IBM SoftLayer and third party clouds.

Clients are cloud enabling existing enterprise applications and deploying across on-premises and hybrid cloud environments without changing these applications using [IBM PureApplication Service on SoftLayer](#). In June, IBM will deliver a self-service portal for clients to scale their infrastructure and software license footprint for hybrid deployments in minutes using PureApplication Service. Click [here](#) for a list of IBM Software capabilities available for hybrid clouds.

IBM is also offering try-before-you-buy access to key middleware software products for hybrid cloud computing. [For a limited time](#), clients can use WebSphere Application Server on-premises and run the same capacity in a public cloud at no-charge.

IBM is the global leader in cloud with an unmatched portfolio of open cloud solutions to enable customers for the hybrid cloud era with integration, control over data and expertise. IBM Cloud has helped more than 30,000 clients around the world.

(1) See “Why your virtualization matters” report, page 21, 2014, Solitaire Interglobal Ltd. Power E550 server (machine type-model 8408-E8E) shall perform according to its specifications when operating at an up to 70% utilization subject to the terms and conditions of this offer.

(2) PurePower System is Based on PowerVM which, in a search on National Vulnerabilities Database (web.nist.gov) has zero documented vulnerabilities over the last three years.

(3) International Technology Group, IBM XIV Storage System and HP 3PAR StoreServ
Comparing Costs and Capabilities for Cloud Deployments.

IBM Unveils Power Systems Solutions to Support SAP HANA

Armonk, N.Y. - 04 May 2015: Building on the deep technology partnership between IBM(NYSE:[IBM](#)) and SAP (NYSE: SAP) IBM today announced a set of integrated Power Systems solutions designed to help clients process volumes of data with incredible speed for both transactional and analytics workloads.

Full version of the press release available here:

<http://www-03.ibm.com/press/us/en/pressrelease/46747.wss>
