

IBM et Intel apportent de nouvelles fonctionnalités de sécurité au Cloud

SoftLayer est le premier à offrir une sécurité renforcée jusqu'au niveau des puces pour encourager les déploiements de Cloud hybride

Paris - 08 sept. 2014: IBM annonce aujourd'hui que SoftLayer sera la première plateforme Cloud à offrir à ses clients des serveurs Bare Metal fonctionnant avec la technologie Intel® Cloud Technology, qui fournit un contrôle et une sécurité jusqu'au niveau des micropuces.

L'Intel® Trusted Execution Technology (Intel® TXT) fournit une surveillance du matériel et des contrôles de sécurité qui permettent de garantir aux entreprises qu'une charge de travail effectuée depuis un emplacement connu sur l'infrastructure SoftLayer est réalisée sur du matériel sûr. Ceci permet d'apporter aux organisations qui transfèrent des opérations sensibles et critiques sur le Cloud non seulement un niveau de confiance essentiel, mais également une certification de conformité.

Ces nouvelles capacités en matière de sécurité placent IBM au premier rang de l'innovation dans ce domaine, en aidant les entreprises à développer des solutions autour de la gouvernance, de la conformité, de l'audit, de la sécurité des applications, de la propriété privée, de la gestion des identités et des accès, ainsi que les processus de réponses en cas d'incident. IBM offrira également des services pour aider les clients à mettre en place cette nouvelle fonctionnalité dans leurs applications et leurs plateformes.

*"La perception de la sécurité demeure le plus grand obstacle pour l'adoption massive du Cloud par les entreprises", déclare **Marc Jones, Directeur de la Technologie chez SoftLayer**. "SoftLayer est l'unique plateforme Cloud de bare metal à la tête de ce secteur d'activité offrant Intel TXT, pour permettre aux clients de construire des environnements Cloud et hybrides qui peuvent être dignes de confiance de bout-en-bout."*

IBM and Intel Bring New Security Features to the Cloud

SoftLayer first to offer added security down to the chip level to boost hybrid cloud deployments

DALLAS - 08 Sep 2014: IBM (NYSE: [IBM](#)) today announced that SoftLayer it will be the first cloud platform to offer its customers bare metal servers powered by Intel® Cloud Technology that provides monitoring and security down to the microchip level.

Intel® Trusted Execution Technology (Intel® TXT) provides hardware monitoring and security controls that help assure businesses that a workload from a known location on SoftLayer infrastructure is running on trusted hardware. This assurance provides an essential level of confidence—and even compliance certification—for organizations moving sensitive and mission-critical operations to the cloud.

These new security capabilities put IBM at the forefront of security innovation helping organizations develop solutions around areas such as governance, compliance, audit, application security, privacy, identity and access management and incident response. IBM will also be offering services to help customers implement this new capability into their applications and platforms.

*"Security perception remains the biggest hurdle for wide-spread enterprise cloud adoption," said **Marc Jones, CTO for SoftLayer**. "SoftLayer is the only bare-metal cloud platform offering Intel TXT, leading the industry in enabling customers to build hybrid and cloud environments that can be trusted from end-to-end."*

Intel TXT is especially advantageous for large enterprises subject to compliance and audit regulations, such as healthcare, financial services and government organizations. It helps ensure that trusted resources can be integrated, managed and reported on with the relevant compliance frameworks (HIPAA, PCI, FedRAMP, ISO, FISMA, SSAE16). With IBM Cloud and SoftLayer infrastructure, these organizations will be able to certify a cloud computing pool is appropriately secured for workloads with exposures such as governance and enterprise risk, information and life-cycle management, compliance and audit, application security, identity and access management and incident response.

*"It is becoming increasingly important to provide cloud environments with the same, if not greater levels of security as your on premise technology environments," said **Rick Echevarria, Vice President of Intel Security Group, General Manager, Intel Security Platform and Solutions Divisions**. "By building on IBM's history of security innovation, with this solution based on Intel TXT, SoftLayer is demonstrating that such levels of cloud security are now possible and available."*

Intel TXT verifies the components of a computing system from its operating system or hypervisor all the way to its boot firmware and hardware. Combined with attestation (root of trust software) this verification is then used to permit or deny a workload from running on that select server system. Hybrid cloud solutions can leverage partner software and Intel TXT, to limit data decryption to specific geo-located servers, in support of local data privacy laws. And because Intel TXT is activated during boot up, this added security does not add any performance overhead to applications.

To use Intel TXT, SoftLayer customers need only order bare metal servers available with a Trusted Platform module (TPM) installed. Once activated and deployed with attestation software Intel TXT allows clients to build trusted computing pools of IT resources in the cloud with an added level of visibility and control. Designed to measure the execution environment and protect sensitive information from software-based attacks Intel TXT operates with TPM, an industry-standard device that can securely store the measurement artifacts, to verify the integrity of the hardware, firmware and software. This assurance provides an essential level of confidence—and even certification—for organizations moving sensitive and mission-critical operations to the SoftLayer Infrastructure.

Softlayer is a member of the Intel Cloud Technology program which identifies CSPs using Intel processors for reliable industry-leading performance and quality. Intel TXT is available today on SoftLayer bare metal servers with the following Intel processors:

- Intel® Xeon® E5-2600 v2
- Intel ® Xeon® E3-1200 v3
- Intel ® Xeon® E5-4600

More SoftLayer bare metal server configurations will be available with the technology in the future. For more information about Intel TXT on SoftLayer bare metal servers, please visit <http://www.softlayer.com/intel-txt>.

Today's announcement builds on IBM's security offerings including software and services to help customers strategically and holistically manage information technology and operational risk end-to-end across all including:

- information security

- threat and vulnerability management
- identity and access management
- application security
- physical security

About IBM Cloud Computing

IBM is the global leader in cloud with an unmatched portfolio of open cloud solutions to enable clients for the hybrid cloud era with integration, control over data and expertise. IBM Cloud has helped more than 30,000 clients around the world. Today, IBM has 100+ cloud SaaS solutions, thousands of experts with deep industry knowledge helping clients transform and a growing global network of data centres. Since 2007, IBM has invested more than \$7 billion in 17 acquisitions to accelerate its cloud initiatives. IBM holds 1,560 cloud patents focused on driving innovation. In fact, IBM for the 21st consecutive year topped the annual list of US patent leaders. IBM processes more the 5.5M client transactions daily through IBM's public cloud. For more information about cloud offerings from IBM, visit <http://www.ibm.com/cloud>. Follow us on Twitter at @IBMcloud and on our blog at www.thoughtsoncloud.com. Join the conversation #ibmcloud.

About SoftLayer, an IBM Company

SoftLayer, an IBM Company, operates a global cloud infrastructure platform built for Internet scale. With 100,000 devices under management, 18 data centers in the United States, Asia, and Europe and a global footprint of network points of presence, SoftLayer provides Infrastructure-as-a-Service to leading-edge customers ranging from Web startups to global enterprises. SoftLayer's modular architecture provides unparalleled performance and control, with a full-featured API and sophisticated automation controlling a flexible unified platform that seamlessly spans physical and virtual devices, and a worldwide network for secure, low-latency communications. For more information, please visit softlayer.com.

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