

Lyatiss case study

“Improve the health and usage of your cloud resources”

BUSINESS NEEDS

Lyatiss develops CloudWeaver to help AWS customers identify bottlenecks and enhance the performance of their applications.

Lyatiss is using Amazon Web Services (AWS) for scalability and no CapEx. Lyatiss is continually releasing new features in a fast paced environment and developers are in control of the infrastructure. Pascale Vicat-Blanc, the CEO says “Security is very important for our customers and we were looking for a solution that does not block our development process and that is easy to use for a team where not everybody is a security expert. On the other hand, we cannot afford that security testing impacts the production servers performance.”

Production servers, pre-production and development and test environments live on AWS with different security constraints.

“We had a look at traditional or open source security tools but these are not adapted to a dynamic environment and too complex to manage. So, we started to use Elastic Detector with the support of SecludIT to be more efficient tackling security issues” Pascale added.

SOLUTION

Elastic Detector deployment was really fast. Lyatiss did not want to manage and deploy yet another software solution in their own infrastructure so chose the SaaS Elastic Detector solution.

The same SaaS solution protects the different security zones with no hassle. Lyatiss used several security groups with different rules that defined the security zones and interconnections, so Elastic Detector mapped perfectly the security constraints.

Overview



Application Defined Infrastructure paradigm (ADI) is a game-changer. It creates and develops a consistent and articulated knowledge of each application infrastructure in the Cloud. This intelligence is made accessible and actionable by all stakeholders to easily meet their business goals. CloudWeaver productizes the Science behind Networking and System Analytics and brings it to weigh in on Web-Scale IT issues. With CloudWeaver, Enterprises achieve the full benefit of economies of scale, and save precious time and money.

SecludIT Solution



Elastic Vulnerability Assessment

Intrusive tests on cloned servers

Multi-Layer

Comprehensive vulnerability assessment solution for network, cloud stack, servers, applications and data

Multi-Cloud Support

Multiple cloud providers support

Auto-Checks patented technology.

Adaptive to infrastructure

CUSTOMER/PARTNER BENEFITS

Lyatiss started to focus on the production zone. After the security audits from Elastic Detector, the configuration of the production zone was hardened and the architecture redesigned. During the successive iterations, Lyatiss did not have to configure anything. Elastic Detector just discovers the modifications and performs risk analysis on them.

“When new vulnerabilities are discovered in an OS package, Elastic Detector warns us so that we can test and then upgrade the package seamlessly”

Pascale Vicat-Blanc
Lyatiss CEO

Then, the QA process has integrated vulnerability assessment by Elastic Detector in a transparent way for developers, so that the team lead receives the daily assessment report and checks if there are vulnerabilities that must be corrected.

On top of that, “when new vulnerabilities are discovered in an OS package, Elastic Detector warns us so that we can test and then upgrade the package seamlessly” said Pascale.

On the pre-production environment, after running Elastic Detector for two minutes we discovered the following issues:

- An administration console open to internet;
- A security group wide open;
- One database that was accessible from internet.

Therefore, Elastic Detector has improved SLAs and risk exposure was reduced, doing the tests in pre-production and therefore avoiding that security issues will be released and this with minimal impact to the software development sprint.

ABOUT SECLUDIT

Cloud computing is moving quickly to widespread adoption, since the benefits associated with cloud technologies are creating real value across IT, mostly in terms of resources, cost optimization and architecture scalability. The challenge today is to maximize the benefits of cloud computing without compromising security and compliance.

Founded by seasoned experts in network security, virtualization, and cryptography, SecludIT is an award winning company that has developed a set of products and services specifically designed to help cloud infrastructure providers and business-critical cloud users to safely move towards cloud technologies adoption.

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