

## CloudSigma case study

CloudSigma has chosen Elastic Detector to help customers secure applications and scan network policies

### BUSINESS NEEDS

CloudSigma does a terrific job, providing availability and high performance for their infrastructure. They include as well some security features, such as Denial of Service protection and they provide an integrated firewall called Network Policies.

SecludIT's solution Elastic Detector helps CloudSigma customers to continuously audit their firewall rules and applications. In this way, in the case of misconfigurations or vulnerabilities on a web application, customers get alerted right away.

There are 3 main important points for customers today where CloudSigma stands out: location, performance and the power of network policies.

### SOLUTION

Elastic Detector was chosen by the following reasons, according to CloudSigma:

- Elastic and Agentless. Elastic Detector uses the CloudSigma's APIs to get all the informations about the infrastructure, so as soon there are modifications on the infrastructure (for example firewall rules or a new application) no need to configure anything and no agents to deploy.
- No impact on production. In order to make more deep analysis, Elastic Detector uses the elasticity of IaaS in order to regularly clone servers and perform intrusive tests on these clones, therefore avoiding any impact on the production servers. This is called Elastic Vulnerability Assessment - EVA.
- Multi-Cloud. One Elastic Detector may scan several IaaS providers on a hybrid scenario so that customers have the same level of security everywhere and no weak spots which attackers can exploit.

## Overview



provides high availability, flexible cloud servers and cloud hosting in both Europe and the US. CloudSigma is an innovative Infrastructure-as-a-Service (IaaS) provider based in Zurich, Switzerland. CloudSigma was founded to meet the growing need for a pure IaaS that places little or no restrictions on how its users deploy their computing resources. CloudSigma is proud to have been chosen as a 2013 Cool Vendor by Gartner and a Top 25 cloud company in both 2010 and 2012.

## 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*

Elastic Detector is a virtual server running on the CloudSigma Infrastructure. Customers have a web interface to Elastic Detector where they can check the security status of their virtual servers, firewalls and applications.

“The integration in the CloudSigma infrastructure went smoothly, the documentation of the API is great and the support very responsive, so we were able to do the integration rapidly. We are fans of ruby and opensource, so we have jointly contributed to the FOG library in order to support the network policies of CloudSigma.” said Sergio Loureiro, CEO of SecludIT.

## CUSTOMER/PARTNER BENEFITS

*“SecludIT helps to foster trust in public cloud platforms by empowering customers to tighten their security, so reducing risks for themselves but as well for CloudSigma because we are in a multi-tenant infrastructure”*

said CloudSigma

The model of shared responsibility is well defined. Elastic Detector focuses on customer’s vulnerabilities so these need to be taken care by customers.

Today, Elastic Detector helps CloudSigma’s customers detect misconfigurations on the firewall rules and applications. Even if sometimes developers and DevOps do not consider security a top priority, Elastic Detector is easy to deploy and help identify known vulnerabilities that are the source of 97% of the successful attacks according to the Verizon Threat Report of 2012. Known vulnerabilities usually come with public code that is available to attackers to enter and steal applications and data.

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Elastic Detector has a pay per use pricing model by the hour and by the number of virtual servers Elastic Detector continuously scans. Due to the strong partnership, CloudSigma Customers have special rates.

## 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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