Tech Company Creates Scalable Cloud Platform With Radware's Virtualized ADC

THE CHALLENGE

The technology provider needed to upgrade its data center infrastructure and required virtualization for its on-premises application delivery controllers.

SOLUTION

Radware Alteon, the company's application delivery controller, combines end-to-end local and global load balancing capabilities and is designed to guarantee application SLAs.

WHY RADWARE

The Global Elastic License (GEL) for Alteon allows organizations to purchase the exact application delivery controller (ADC) capacity needed for the entire organization while providing complete flexibility on how to distribute it across applications, data centers and cloud environments.

BENEFITS

Radware's virtualized ADCs enabled the SaaS provider to deliver agility via virtualization of its data center. In addition, Radware's GEL allowed the company to provide multiple applications to its customers using only one ADC license that could be dynamically distributed for different capacity instances as needed.

Overview

This multi-national technology company provides public, private and hybrid cloud services for customers and has operations in 100+ countries. Its services are configured and integrated with other platforms and enterprise applications.

The technology provider evaluated Radware's capabilities while managing data center operations for a major airline. The airline needed to upgrade its data center infrastructure and required virtualization for its on-premises ADCs. The technology company evaluated Radware, A10, Citrix and F5 but selected Radware for its ADC virtualization capabilities and superior support.

Challenges

After this technology provider acquired the IT organization of a major airline to provide SaaS airline solutions such as cargo tracking and booking systems, it was looking for a partner to provide an elastic, scalable and automated virtualized ADC solution for its SaaS platform.

Because several customers planned to use the technology provider's SaaS platform to develop new services, the provider needed a multitenant platform that would provide secure separation of customer environments while providing visibility into the platform for both themselves and customers.

In addition, the provider wanted to deploy virtual ADCs in its organization's hybrid data centers to provide flexible load balancing for future projects.

The technology provider's cloud software platform was comprised of Citrix NetScaler. Citrix was not able to provide a flexible and stable environment to support the technology provider's strict SLA policies. As a result, the technology provider evaluated Radware's ADC with its GEL model, in addition to solutions from F5, A10 and Citrix.

Solution

The technology provider selected Radware Alteon, the company's ADC. Because the technology company did not want additional on-premise appliances in its data center, Radware's virtual ADC was utilized.

Radware's GEL was used to create new instances for customers. The GEL for Alteon allows organizations to purchase the exact ADC capacity needed for the entire organization while providing flexibility on how to distribute it across applications, data centers and cloud environments. If the technology provider wants to create a new application for a customer, the provider creates a virtual server on its cloud platform for several months and decommissions the server when development is complete. The GEL also allows the technology provider to run web application firewall services that are integrated with the virtual ADCs in the cloud platform.

As a result, the technology company has been able to:

1. Instantly provision new environments

2. Automatically generate instances and their configuration, allowing DevOps to use ADCs without requiring help from the network team

3. Commission, decommission and reassign ADC resources

4. Measure network capacity and upgrade as needed

5. Use WAF to secure applications as part of its license

6. Automate ADC configuration with predefined templates and wizards

Benefits

The technology provider saw the value of Radware's expertise in virtualized ADCs, in addition to the ability to partner with an organization to build new services in the cloud.

Radware's GEL eliminated the need for the SaaS provider to predict the number and type of licenses required. It allowed the company to provide multiple applications to its airline customers using only one ADC license, which could be dynamically distributed for different capacity instances as needed. Future capacity growth to serve additional applications could be covered by either adding another GEL or increasing the existing one.

Radware's virtualized ADCs helped the technology SaaS provider deliver higher agility via virtualization of the provider's data center and automation of its ADC implementation and configuration.

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