

Elastic ADC Services with Pulse Secure vADC

HIGHLIGHTS

- Elastic load-balancing services for your network infrastructure
- Roll out new applications up to ten times faster than traditional solutions
- Reduce costs by moving to a consumption-based model with flexible licensing
- Right-sizing application delivery services to match individual application needs
- Re-allocate ADC resources based on application business requirements.

SOLUTION

- Pulse Secure Services Director
- Pulse Secure Virtual Traffic Manager

The New IP Delivers New Opportunities to Drive Growth

Enterprises are radically transforming their IT infrastructure to take advantage of New IP that enables innovative business models in order to take advantage of mobility, cloud, social networking and Big Data technologies. However, this new architecture must support an ever-increasing number of devices, services and users, which can make it difficult to conduct capacity planning and predict future growth.

It is important to be able to right-size network resources and easily scale them up or down to meet fluctuations in demand and growth. This requires changing how networks and applications are managed and controlled, making the underlying application delivery infrastructure critical to achieving more fluid operational and resourcing models.

Traditional application delivery controllers (ADCs) can be costly and time consuming to deploy and manage. They can also become a bottleneck in an enterprise's increasingly dynamic, virtualized environment, due to their inability to scale and keep up with the rate of change.

For the New IP, enterprises need an application delivery infrastructure that can align with their new virtual or cloud environment; one that can support immediate, on-demand services and cost-effectively scale to meet the

changing requirements of the business and drive growth.

The Pulse Secure Solution

The Pulse Secure Virtual Application Delivery Controller (vADC), with the Pulse Secure Services Director, provides an elastic approach to application deployment. It supports the roll out of applications, in minutes, at a fraction of the cost of traditional application delivery infrastructures to give enterprises the agility they need to combat mounting competitive pressures.

With Pulse Secure, enterprises can easily install the right ADC features, wherever they need them, to support the quick release of new applications and the roll out of feature and service updates to meet the demands of the business. The solution gives enterprises the flexibility to share and reassign resources, on-demand, to handle traffic spikes, optimize resource utilization and improve overall performance.

THE NEW IP, INNOVATING AND ACCELERATING THE SPEED OF SERVICE DELIVERY

With Pulse Secure, the New IP is:

- **Open with a purpose:** Accelerates the rate of business innovation by reducing vendor lock-in to enable choice that increases flexibility while reducing cost and complexity.
 - **Innovation-centric and software-enabled:** Gives you programmatic control over complex tasks, tight integration with business support systems and high-value end user applications, and the freedom to develop strategic techniques for accelerating business growth.
 - **Ecosystem-driven:** Taps into the vast pool of resources that you need to keep pace with innovation, to let you build the network and add the services you want, and move faster and more efficiently than your competitors.
 - **Your-pace-your-way migration:** Lets you evolve based on your business priorities, so you take evolutionary steps, and achieve revolutionary results as you modernize your infrastructure, your IT organization, and your business.
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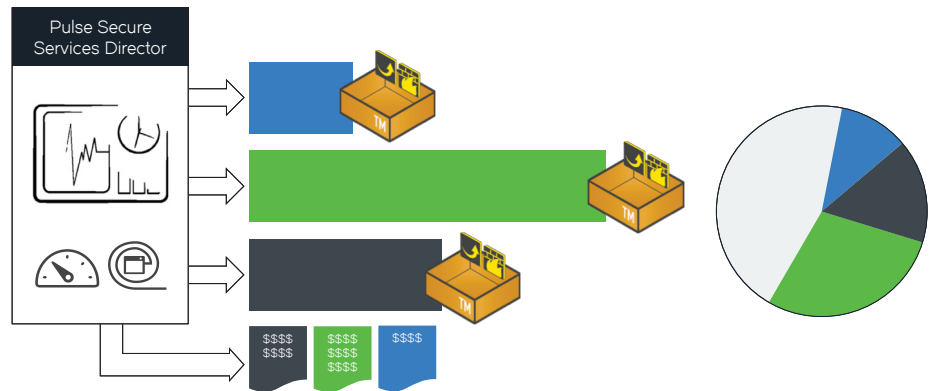


Figure 1: Elastic ADC Services with The Pulse Secure Services Director.

The solution offers a flexible licensing model that enables enterprises to scale their ADC requirements to effectively meet changes in workload.

The Pulse Secure vADC Services Director

The Pulse Secure Services Director can leverage a virtual compute platform in the enterprise's data center or cloud to manage all the on-demand ADC services. It treats each ADC instance separately, monitoring the health and lifecycle of each instance and providing usage reports that help the enterprise track activity and complete longer-term capacity planning. The Pulse Secure Services Director automatically licenses each instance, which defines the capabilities and capacity of that instance, based on the needs of the applications. It manages the inventory of all these instances to ensure the total allocated capacity remains within the overall bulk license.

Dedicated ADC Instances

Clear isolation between dedicated ADC instances makes it much easier to roll out, upgrade or make changes to applications and business rules without any of the change control risks associated with co-hosting applications on large, monolithic ADC platforms. Enterprises can deploy as many ADC instances as they need, with the ability to right-size the capabilities to

meet the specific requirements of the deployment. This means, an enterprise can choose what features to deploy, using small load balancing services for some applications and fully featured, high-powered ADC services for others, to address their specific environment. The Pulse Secure Services Director monitors the health and throughput of ADC instances, making it easier to meet SLAs and minimize downtime.

The Benefit of a Consumption-Based Model

Paying only for what you use with a consumption-based model and flexible licensing, significantly reduces your costs. It minimizes the need to overprovision ADC resources and makes it much easier to understand usage patterns, which can help you optimize your application and service strategies and accurately charge back usage to specific lines of business/ departments/divisions and application owners, if needed. Overall capacity and feature bundles can simply be extended by assigning additional bandwidth and bundle licenses to the central controller.

Enables Elastic Services

The Pulse Secure Services Director monitors the performance of all the ADC instances in your environment in real time to allow you to ensure the appropriate resources are available to

match workload demands. You can use the Pulse Secure Services Director to re-allocate ADC resources throughout your environment; for example, you can re-allocate licensed bandwidth to an ADC instance based on changing requirements.

Seamless Integration

Integration with service orchestration systems and network functions virtualization (NFV) frameworks simplifies the flow-through provisioning of virtual network services to enable you to deploy applications ten times faster than traditional solutions.

Learn More

Pulse Secure simplifies rapid service deployment and automated application delivery. To find out more about Pulse Secure Application Delivery solutions, or to arrange a demonstration or product evaluation, please visit www.pulsesecure.net/vadc.

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