



WEBSCALE CLOUD AUTO-SCALING

PROACTIVE APPLICATION LAYER SCALING MAXIMIZES PERFORMANCE, MINIMIZES COST

OVERVIEW

Webscale is a converged multi-cloud application delivery platform, built on a foundation of software-defined application delivery controllers (ADC) and incorporating powerful features, such as automated content optimization for performance, predictive auto-scaling for right-sized infrastructure and lower costs. Webscale's proactive application layer scaling, available as a stand-alone offering, forecasts demand and appropriately scales application infrastructure out, and back in, ensuring optimal performance and minimizing spend.

A CONVERGED MULTI-CLOUD PLATFORM

Webscale is a software as-a-service (SaaS) with a simple monthly subscription plan. Any web application (HTTP/HTTPS) hosted in a public, private or hybrid cloud, or architected over multiple clouds, can be delivered, accelerated, stabilized and secured using the Webscale platform. Delivered as a true cloud-based Software-as-a-Service, Webscale's solutions require no hardware, software or cloud instance to install and maintain.

WEBSCALE CLOUD AUTO-SCALING

Webscale Cloud Auto-Scaling uses predictive analytics and big data to constantly monitor traffic, predict changes in user demand, and proactively scale out and scale in application infrastructure, in real-time. This ensures high performance delivering an optimal user experience even under heavy load or surge traffic. Webscale will automatically scale out its own optimization resources as well, to meet network and CPU demands and offload the backend for critical tasks.

PRODUCT HIGHLIGHTS



PREDICTIVE APPLICATION AUTO-SCALING

Traditional "elastic" scaling technology only scales out once you have exceeded pre-determined thresholds or capacity, resulting in slow page loads, lost customers and frustrated users. Webscale's patented, predictive auto-scaling technology looks ahead of increasing user demand, and scales out the application layer, keeping websites fast and available, even during traffic surges.

RIGHT-SIZED INFRASTRUCTURE

Reactive scaling technologies are likely to under-provision during scale out, and over-provision during scale in, resulting in incorrectly sized infrastructures and increased costs. Webscale Cloud Auto-Scaling ensures infrastructure is always right-sized and optimally used for the lowest cost and the highest ROI, without compromising on user experience and application loyalty.

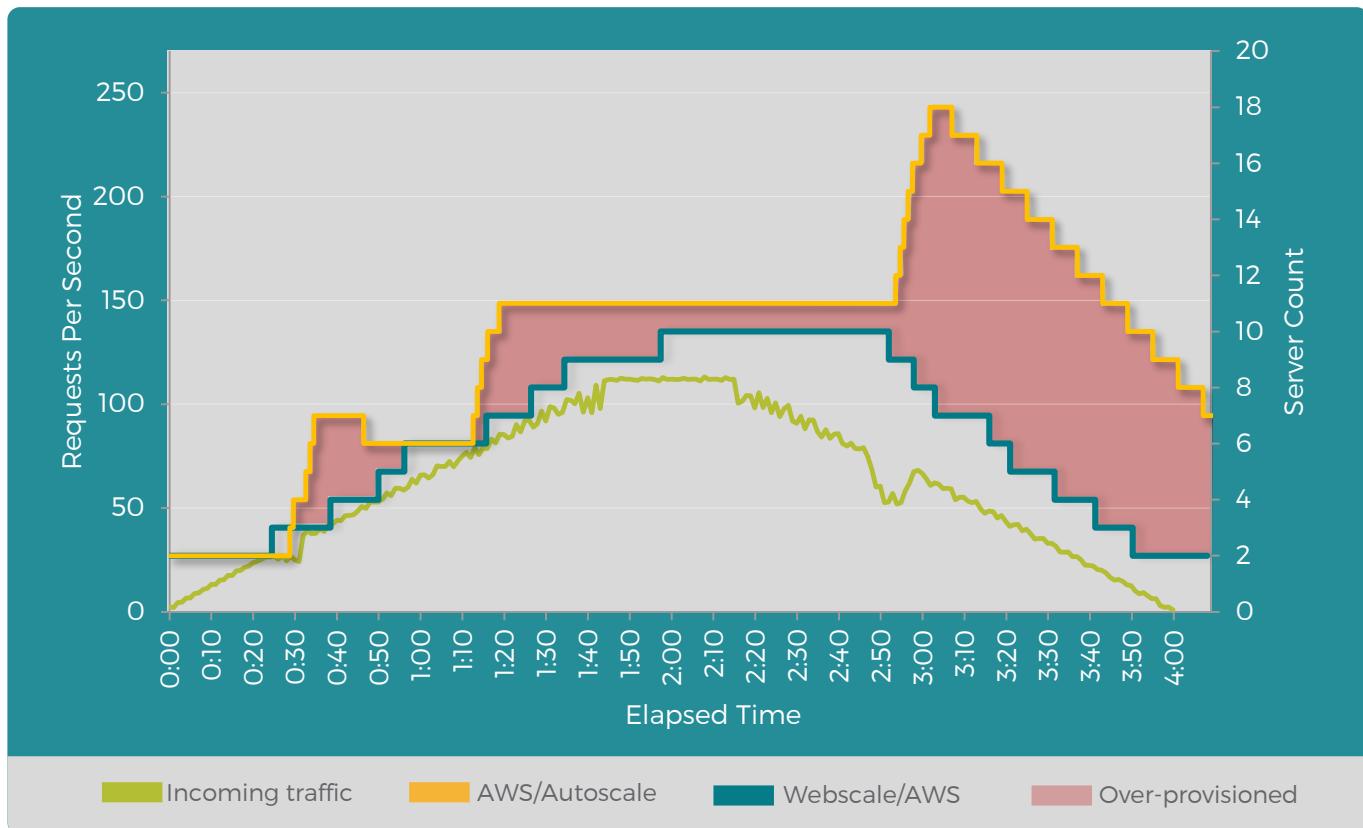
CLOUD LOAD BALANCER

Webscale Cloud Auto-Scaling includes application-aware Layer 7 (L7) load balancing across application server instances, ensuring the efficient use of cloud infrastructure for an optimal user experience.

SELF-HEALING

Webscale actively monitors the status of application resources. This enables the real-time identification of failing applications, immediately halting traffic to that instance, as well as replacing the faulty application server before it causes disruption.

AUTO-SCALING COMPARISON OF WEBSCALE AND AWS DURING A LIVE TRAFFIC SURGE



KEY FEATURES

- Proactive Auto-Scaling
 - Load, request and session based policies
- Customized policies for scale out and scale in
- Time and event based schedule for scale out and scale in
- Self-healing
- L7 load balancing
- Sticky sessions (session affinity)
- High availability across Webscale and application layer
- Multi-cloud support
 - AWS
 - Google Cloud
 - Microsoft Azure
 - Aliyun
 - OpenStack
 - VCloud Air
 - Additional cloud providers may be supported
- RESTful API
- SSL/TLS support
 - TLS 1.1
 - TLS 1.2
 - Certificate management
- Supported Web Protocols
 - HTTP/S
 - HTTP2



Webscale is a pioneer of integrated multi-cloud application delivery in the cloud. Delivered as-a-Service, Webscale allows businesses of all sizes to benefit from a converged platform that delivers predictive auto-scaling, load balancing, high performance, outage prevention, comprehensive security and simple management across cloud providers. Webscale is enabling mid-market e-commerce and enterprise customers with a platform focused on seamless automation, using deep analytics and machine learning. The company is headquartered in Silicon Valley, CA, with offices in Boulder, CO and Bangalore, India. For more information, please visit:

www.webscale.com