

Software-defined Load Balancing for the Nutanix Enterprise Cloud



CHALLENGES

- Inelastic load balancing
- Complex, manual, error-prone operations
- Lack of visibility into applications and end-user experience
- High capital and operational costs

SOLUTION

AVI VANTAGE PLATFORM

- Enterprise-grade, elastic software load balancer with integrated analytics
- Central point of management and control
- Automated operations and self-service
- Pay-as-you-grow, subscription pricing

BENEFITS

- 5x faster application deployments
- Actionable insights into application performance, security, and user experience

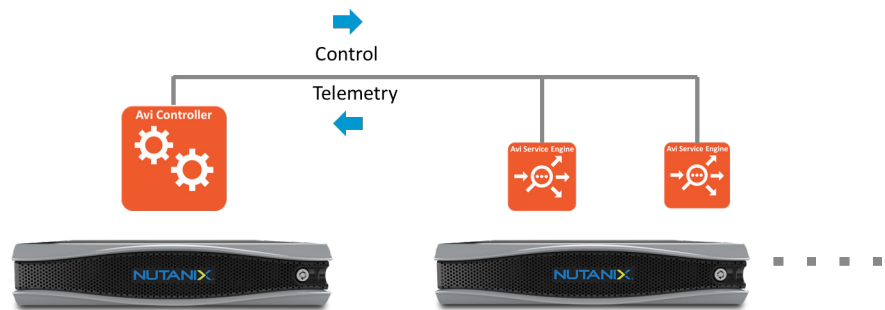
Comprehensive Services Fabric with Application Analytics, Automation, and Self-Service for the Nutanix Enterprise Cloud

Legacy Load Balancers Are Slowing Down Applications

As data centers migrate to the Nutanix Enterprise Cloud platform, IT teams need an elastic load balancing and automation solution to complement their elastic infrastructure. Traditional appliance-based load balancers are static, and slow to procure, deploy and provision. In addition, IT teams are missing comprehensive visibility into application performance, security and the end-user experience. Legacy application delivery controllers (ADCs) and their equivalent virtual appliances lack analytics and insights, which makes the troubleshooting of application problems slow and complex. Furthermore, without the ability to manage and orchestrate centrally, these ADCs are complex to deploy and manage, requiring manual setup and configuration. The operational complexity and lack of visibility are significantly driving up operational costs for IT teams, and slowing down provisioning of applications.

Avi Networks: Software-defined Application Services

Avi Networks has developed the industry's first software-only, elastic load balancing solution that integrates application delivery with real-time analytics for Nutanix environments. The Avi Vantage Platform provides comprehensive services beyond load balancing including application security, and application acceleration features, as well as user-to-app visibility and real-time analytics. The Avi Vantage software solution is Nutanix Ready verified for VMware ESXi and Nutanix AHV environments. It runs as a virtual machine (VM) on Nutanix systems and automates service provisioning and placement, thereby eliminating human errors and long change-management cycles. With significantly reduced operational complexity and consumption-based subscription pricing, the Avi Networks solution reduces the total cost of ownership of ADCs by 70 percent.



ABOUT NUTANIX

Nutanix makes infrastructure invisible, elevating IT to focus on the applications and services that power their business. The Nutanix enterprise cloud platform leverages web-scale engineering and consumer-grade design to natively converge compute, virtualization and storage into a resilient, software-defined solution with rich machine intelligence. The result is predictable performance, cloud-like infrastructure consumption, robust security, and seamless application mobility for a broad range of enterprise applications. Learn more at www.nutanix.com or follow us on Twitter [@nutanix](https://twitter.com/nutanix)

ABOUT AVI NETWORKS

Avi Networks delivers public-cloud-like agility for application services beyond load balancing including deep application analytics, predictive autoscaling, and security in the data center or public cloud. The Avi Vantage Platform delivers elastic, software-defined application services on commodity x86 servers, VMs, or containers. Avi Vantage provides application services as a dynamic pool of resources that matches the automation needs of private or public cloud initiatives. Fortune 500 technology, media, and financial services companies use Avi Networks to accelerate application delivery, enable self-service for application owners, and lower their TCO. Learn more at www.avinetworks.com or follow us on Twitter [@avinetworks](https://twitter.com/avinetworks)