

Ludicrous Scale with Load Balancers

0 to 1 Million Transactions Per Second



Encrypted Traffic-Everywhere and Growing



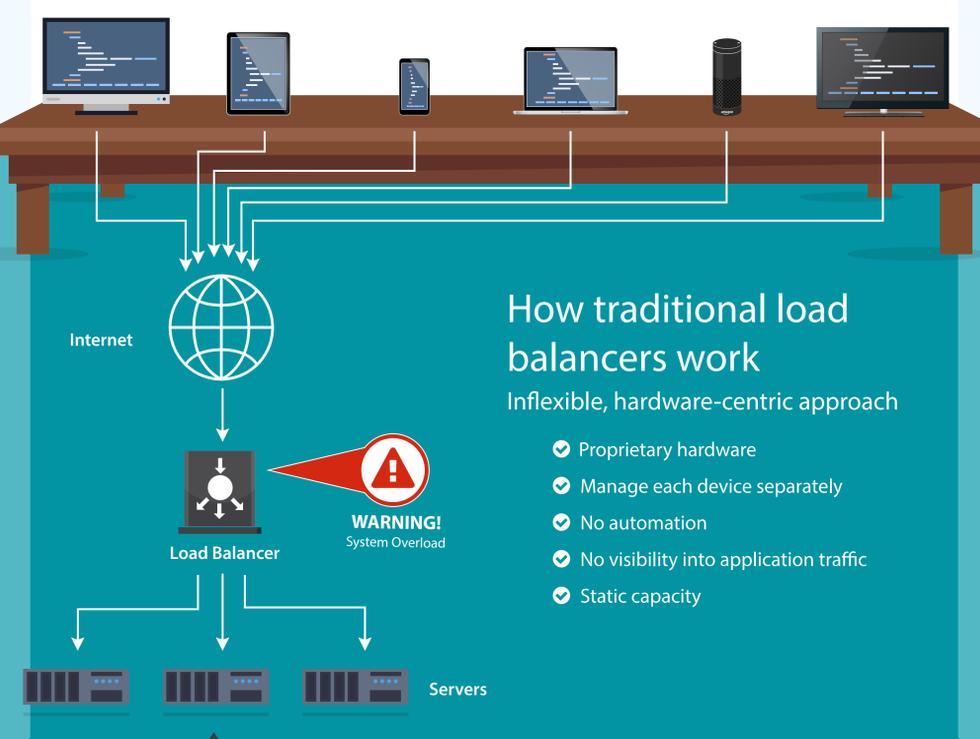
Cisco VNI Forecasts 194 EB per Month of IP Traffic by 2020¹

70%
OF ALL
INTERNET TRAFFIC
WAS ENCRYPTED IN
2016²

What encrypted traffic means for load balancing

Even movies streamed online through Netflix are now encrypted. The growing amount of encrypted traffic puts enormous strain on load balancers that must offload or decrypt these SSL-encrypted packets before they reach the application.

Enterprises Are Struggling to Achieve Elasticity



Problems with hardware load balancers

Inelastic

Appliance-based load balancers can only scale in one direction. It often means purchasing additional appliances, forcing enterprises to overprovision based on peak conditions.

Expensive

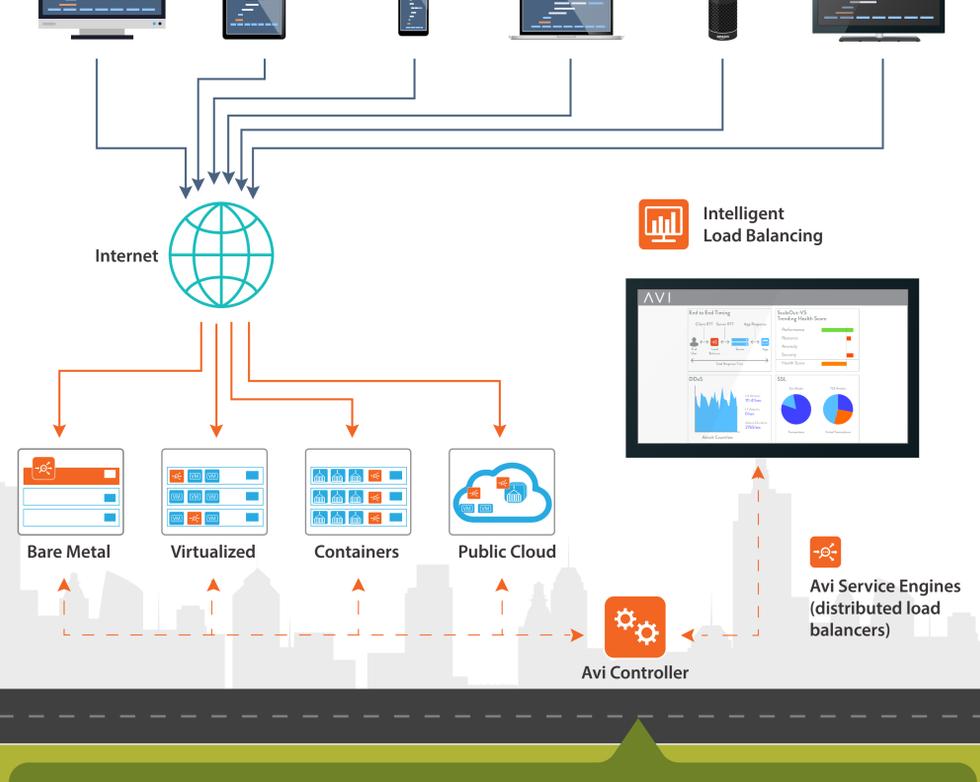
Traditional load balancers are built with proprietary, expensive chipsets and require periodic hardware refresh cycles. They do not work for hybrid cloud use cases.

Seasonality

Enterprises do not have automation or cost-effective strategies to handle seasonal spikes (e.g. Black Friday) in application traffic.

Avi Networks - Elastic Application Services Fabric

Avi Networks is built on software-defined principles and delivers elastic application services including load balancing, autoscaling, deep application analytics, and security.



Benefits of Avi's Intelligent Load Balancers

70% Lower TCO

Runs on x86 servers, eliminating the need for proprietary hardware appliances

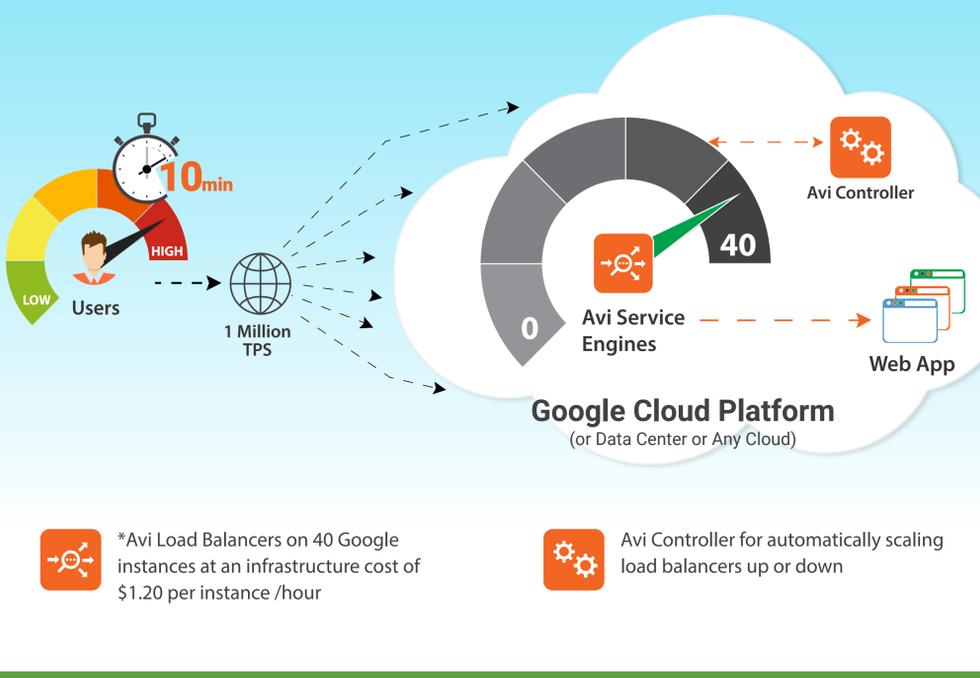
5x Faster App Rollouts

Faster app deployments with load balancer provisioning in 30 seconds

Seconds to Resolve

Actionable application, security, and end-user analytics and visibility make troubleshooting issues simple

Ludicrous Scale at a Fraction of Cost*



Predictive Zero-Touch Elasticity



Whether you are dealing with Black Friday, DDoS attacks, or hybrid cloud deployments you need true analytics-driven automation and scalability.

You don't have to take our word for it.

You Can Replicate This Test in Your Environment

SEE HOW

Resources

¹ <http://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni-hyperconnectivity-wp.html>

² <https://www.sandvine.com/trends/encryption.html>