

Introducing NetScaler 10 on Amazon Web Services

Delivering advanced networking services for public cloud offerings

Mainstream IT is fast embracing the enterprise cloud transformation and selecting the right cloud networking technologies has thus quickly emerged to be an imperative. As mainstream IT adopts IaaS (Internet as a service) cloud services, they will require a combination of the elasticity and flexibility, expected of cloud offerings and the powerful advanced networking services used within emerging enterprise cloud datacenters.

Citrix® NetScaler® 10 delivers elasticity, simplicity and expandability of the cloud to enterprise cloud datacenters and already powers the largest and most successful public clouds in the world. With NetScaler 10, Citrix delivers a comprehensive cloud network platform that mainstream enterprises can leverage to fully embrace a cloud-first network design.

Citrix and Amazon Web Services (AWS) have come together to deliver industry-leading application delivery controller technology. NetScaler on AWS delivers the same services used to ensure the availability, scalability and security of the largest public and private clouds for AWS environments. Whether the need is to optimize, secure or control delivery of enterprise and cloud services, NetScaler for AWS can help accomplish these initiatives economically, and according to business demands.

The full suite of NetScaler capabilities such as availability, acceleration, offload and security functionality is available in AWS, enabling users to leverage tried-and-true NetScaler functionality such as rewrites and redirects, content caching, Citrix Access Gateway™ Enterprise SSL VPN, and application firewall within their AWS deployments. Additional benefits include usage of Citrix CloudBridge™ and Citrix Branch Repeater™ as a joint solution.

Citrix NetScaler transforms the cloud into an extension of the datacenter by eliminating the barriers to enterprise-class cloud deployments. Together, NetScaler and AWS delivers a broad set of capabilities for the Enterprise IT:

Hybrid Cloud Environment

Hybrid clouds that span enterprise datacenters and extend into AWS can benefit from the same cloud networking platform, significantly easing the transition of applications and workloads back and forth between private datacenter and AWS with NetScaler for AWS. The full suite of NetScaler capabilities ranging from intelligent database load balancing with DataStream to unprecedented visibility with AppFlow, and, real-time monitoring of web application traffic with Action Analytics can be leveraged with NetScaler for AWS.

AWS for Production Delivery

Customers using AWS for production delivery can now front applications running in AWS with the same core cloud networking platform used by the largest websites and clouds in the world. L4 load balancing, L7 traffic management, application acceleration and application security functionality are all integrated via single policy framework, simplifying deployment and ongoing management. Global Server Load Balancing can be used to ensure high availability across AWS availability zones, AWS regions, and between AWS and on-premise datacenters.

Business Continuity

Customers looking to use AWS as part of their disaster recovery/business continuity plans can rely upon NetScaler GSLB running both on-premise and within AWS to continuously monitor availability of both enterprise datacenters and AWS environments, ensuring users are always sent to the optimal location. Citrix CloudBridge optimizes data transfer and synchronization between various on-premise datacenters and AWS environments.

Development and Testing

Customers running production on-premise but using AWS for dev/test can now include NetScaler within their AWS test environments, speeding time-to-production due to better mimicry of the production environment within their test environments. Citrix CloudBridge optimizes connections between the enterprise datacenter and AWS, securing the connection, speeding transfer of data, and minimizing network costs.

Deployment Options

NetScaler on AWS is available in two simple deployment options:

1. **Bring Your Own License (BYOL):** Customers can take advantage of all NetScaler capabilities by bringing and activating their own license on the AWS environment
2. **1-Click® Orderability:** Easy one-click orderability from AWS marketplace
 - Convenient hourly based pricing for Standard, Enterprise, and, Platinum licenses
 - Pricing is separate for NetScaler and CloudBridge + Branch Repeater

NetScaler Editions

Citrix NetScaler **Application Delivery controller** Appliances are available in three editions. **VPX** virtual appliances are available in various configurations to meet any performance needs customers may have.

Standard Edition

Delivers 100 percent application availability with comprehensive L4-7 **load balancing** and optimizes performance to reduce expensive server and network costs.

Enterprise Edition

A powerful Web **application delivery** solution providing advanced traffic management and powerful application acceleration to provide the best application experience for users.

Platinum Edition

The industry's most powerful web application delivery solution designed to deliver mission-critical applications with the best web **application firewall** security, fastest performance, and lowest cost.

| Feature | Standard | Enterprise | Platinum |
|---|----------|------------|----------|
| Load balancing | | | |
| L4 load balancing | • | • | • |
| Intelligent content switching | • | • | • |
| High availability (HA) | • | • | • |
| GSLB for web and client server applications | | • | • |
| Database Load Balancing | • | • | • |
| Compression and caching | | | |
| Industry standard browser compression | | • | • |
| Intelligent cache redirect | | • | • |
| Static and dynamic content cache | | | • |
| Advanced server offload | | | |
| Compute intensive task offload | • | • | • |
| Repetitive network processing offload | • | • | • |
| Surge protection and enforcement | | • | • |
| All-in-one solution | | | |
| Integrated system | • | • | • |
| Unified policy engine | • | • | • |
| Wire speed concurrent execution | • | • | • |
| Application acceleration | | | |
| TCP optimization | • | • | • |
| Advanced multilevel compression | | • | • |
| User experience monitor | | | • |
| Dynamic content caching | | | • |
| End-to-end web security | | | |
| Secure remote access | • | • | • |
| Content rewrite | • | • | • |
| Day Zero attack prevention | | | • |
| Integrated XML security | | | • |
| DoS shield | | | • |
| Authentication, authorization, and audit | | • | • |

| Feature | Standard | Enterprise | Platinum |
|--|----------|------------|----------|
| AppExpert Framework | | | |
| Visual policy builder | • | • | • |
| Preconfigured app templates | • | • | • |
| Easy application configuration | • | • | • |
| Centralized management | | • | • |
| Dynamic workload response | | | |
| Overload sense and alert | • | • | • |
| Activate capacity on demand | • | • | • |
| Full app networking metrics visibility | • | • | • |
| Web 2.0 optimization | | | |
| Rich Internet application support | • | • | • |
| Advanced server offload | | • | • |

For additional information, please visit www.citrix.com/netscaler/aws



About Citrix

Citrix Systems, Inc. (NASDAQ:CTXS) is the company transforming how people, businesses and IT work and collaborate in the cloud era. With market-leading cloud, collaboration, networking and virtualization technologies, Citrix powers mobile workstyles and cloud services, making complex enterprise IT simpler and more accessible for 260,000 enterprises. Citrix touches 75 percent of Internet users each day and partners with more than 10,000 companies in 100 countries. Annual revenue in 2011 was \$2.21 billion. Learn more at www.citrix.com.

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