

Citrix NetScaler

Make web applications run 5x better

NetScaler Key Benefits and Features;

- Advanced Server offload
- All-in-one solution
- Application Acceleration
- Open scalable Appliance
- End-to-end Web Security
- AppExpert framework
- Dynamic workload response
- Load Balancing
- Compressing and Caching
- Web 2.0 Application Optimization
- Maximum Feature Concurrency

Citrix® NetScaler™ is a web application delivery appliance that accelerates performance, provides L4-7 traffic management, offers an integrated application firewall and off loads servers to ensure application availability, increased security and substantially lower costs. It reduces TCO of Web application delivery, optimises the user experience and makes applications run 5 times better.

Deployed in front of Web Servers, NetScaler combines high-speed load balancing and content switching with application acceleration, data compression, content caching, SSL acceleration, network optimisation and application performance monitoring. Unlike other approaches that require multiple point products, NetScaler is an all-in-one appliance that is easy to deploy and operate.

Reduce TCO with an all-in-one appliance that takes the load off over-burdened networks. By offloading servers from things they don't do well, such as compute-intensive tasks and repetitive network processing functions, NetScaler reduces server costs by up to 80%. When combined with in-memory cache that delivers dynamic content directly, Citrix NetScaler delivers more applications to more users with a dramatic reduction in servers and network devices. It also allows you to deploy new Web 2.0 applications without massive infrastructure changes,

Optimise the user experience by accelerating web application performance by 5x or more. NetScaler sends traffic to the right server with intelligent content switching and leverages advanced multi-level compression for the best possible performance and greatest network bandwidth savings. Dynamic content aching instantly delivers frequently requested content directly from NetScaler to further enhance the user experience. End-user experience monitoring enables you to monitor the application performance at the user to measure the total benefit of NetScaler acceleration capabilities.

Secure Web Apps by blocking attacks and protecting sensitive information from unauthorised access. Day zero attack protection and integrated XML security prevents the loss of valuable corporate and customer data, and aids in compliance with regulations such as PCI-DSS. Comprehensive AAA capabilities, married with a powerful DoS shield, allow secure remote access while preventing unauthorised access to sensitive information

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NetScaler VPX - Full NetScaler functionality in a simple virtual appliance

Citrix® NetScaler® VPX provides the complete NetScaler web application load balancing, acceleration, security and offload feature-set in a simple, easy to install virtual appliance. IT organisations of any size can deploy NetScaler VPX on industry standard servers—on-demand—anywhere in the datacentre

NetScaler VPX makes functionality typically only available on specialised, high-end network devices available as a virtual appliance that can be easily and dynamically deployed on a single server, or across entire cloud datacentres. Used alone for individual applications or in conjunction with NetScaler appliances to optimise entire datacentres, the simplicity and flexibility of NetScaler VPX make it easy and cost effective to fully optimise every Web application.

Bringing advanced web application delivery mainstream

Small and medium-size businesses can now cost effectively deploy full NetScaler functionality in front of Web-based applications like Microsoft SharePoint and Office Communication Server. NetScaler VPX makes it easy to deploy the same advanced load balancing, application security and application acceleration functionality enterprises rely on, but sized specifically for the needs of smaller organisations. The net result is faster response times and less application downtime.

Smaller XenApp and XenDesktop deployments can now benefit from the same integrated secure remote access, global server load balancing and load balancing for Web Interface and XML broker that NetScaler appliances provide, and run it using the same server infrastructure used to run XenApp itself.

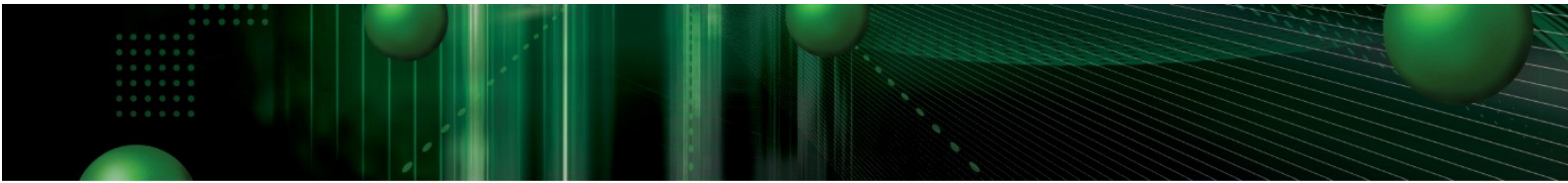
NetScaler VPX can be easily incorporated into development and lab environments, making it easy to integrate NetScaler load balancing, application acceleration and application security functionality into application development and test cycles. Development teams can easily tap all of NetScaler's advanced functionality, and by making it easy to include NetScaler in test cycles there is less likelihood of application and network conflicts when new applications are rolled out.

Service providers, cloud providers or any organisation that host web applications can provision and de-provision NetScaler VPX instances on demand, using general datacentre capacity and automation processes already in place. Infrastructure reuse is increased, datacentre footprints are reduced, and new hosting needs are met faster.

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Converging virtualisation and web application delivery

In addition to supporting datacentres relying upon virtualised server and application resources, NetScaler VPX enables Web application load balancing, acceleration, security and offload to become virtualised services that can be easily deployed on-demand anywhere in the datacentre. Web applications and their associated Web application delivery services are brought closer together, and established datacentre processes for tasks such as provisioning, automation and charge-back can be used for the Web application delivery infrastructure.

NetScaler VPX can be incorporated within larger automation/orchestration solutions using Citrix Workflow Studio or orchestration solutions from Citrix partners, enabling organisations to provision load balancing and advanced web application delivery services on-the-fly as application instances themselves are spun up.

As multiple cloud datacentres begin to be used, NetScaler VPX instances can easily 'follow their app'. Global data centre architectures, using "virtual-only" footprints in the specific datacentres where it makes sense, are possible, eliminating the need to replicate specialised physical infrastructure in every datacentre or hosting facility.

What's new in NetScaler 9

Citrix® NetScaler® 9 combines advanced application delivery controller (ADC) technology that slashes server and bandwidth requirements, with integrated knowledge of the application, cutting the costs of delivering enterprise applications, such as Microsoft SharePoint®, Oracle® E-Business Suite and SAP® in half. NetScaler 9 gives IT managers the ability to instantly tap unrealised efficiency gains across all phases of the application lifecycle, without having to become an application expert.

NetScaler 9 has over 350 new features or enhancements to existing features, including;

AppExpert Templates

AppExpert Visualiser

Web 2.0 Push

AppExpert Rate Controls

XML Security

URL Transformation

Akamai Integration

New Configuration Wizards

CAG Enterprise Enhancements

L7 RTSP Traffic Management

Entity Templates

AppExpert Service Callouts

New Monitors

Streamlined Management

IPv6 Support

Routing Enhancements

GSLB Enhancements

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