

Supercharge Your Application Delivery with a New Engine

Your website isn't just a website anymore. Backed by a distributed database, integrated with third-party components like social media, showcased videos, and a shopping cart, it's now a full-fledged web application and probably much more dynamic than it is static. This is why you need something more than just a web server to deliver it.

NGINX Plus is the commercially supported version of the massively deployed NGINX open-source software used by the busiest websites in the world. NGINX Plus is an **application delivery engine**, extending the power of NGINX through a host of new capabilities that are instrumental to building web applications at scale. NGINX Plus goes far beyond any legacy Application Delivery Controller (ADC) with a truly innovative package of powerful features:

- High-performance Proxy and **Load Balancer**
- Web Application **Health Monitoring**
- Dynamic and Static **Content Caching and Offload**
- Adaptive **Streaming Media Delivery**
- Full Visibility of Traffic through **Activity Monitoring**
- DevOps-friendly **Configuration and Management**

"While there are hardware-based solutions that can do [web acceleration], they are tens of thousands, if not hundreds of thousands of dollars more expensive than NGINX Plus...Few products can do all of that well. We found that NGINX was the best and the easiest."

Vinay Kudithipudi, VP of Data Centers and Infrastructure, GoGo

NGINX Plus "Quick Facts"

- You can reconfigure load-balanced pools on-the-fly using DNS zone information or simple HTTP interface.
- Session Persistence improves performance and enables you to scale a wide range of applications.
- Using a RESTful JSON interface, you can easily connect the NGINX activity stats to live dashboards and third-party monitoring tools.
- NGINX Plus performs in-line checks and sophisticated probes on upstream servers, retrying requests where possible.
- You can quickly invalidate multiple cache objects using a wildcard cache-key.
- NGINX Plus rate-limits MP4 video streams to a multiple of their bit-rate to ensure proper video QoE.
- Built on the market-leading NGINX open-source core, NGINX Plus benefits from ten years of proven reliability, scalability and performance enjoyed by over 140 million websites.

FEATURES

Unlike Application Delivery Controllers (ADCs), NGINX Plus moves into the next era of control with advanced and powerful features:

High-performance Proxy and Load Balancer

You can spend thousands of dollars on dedicated load balancing hardware or you can deploy world-class software-based load balancing. NGINX Plus can improve your performance, scalability, and reliability with application-level load balancing. NGINX Plus significantly increases application performance during periods of high load with its caching, HTTP connection processing, and acceleration of slow network connections.

Dynamic and Static Content Caching and Offload

Caching is just one of the many tools used to accelerate performance and delivery of applications. While traditionally deployed in a separate tier in front of the application, NGINX Plus allows developers to integrate caching deep into the application itself. In addition, NGINX Plus brings improved cache control and richer visualization to an already powerful caching solution.

DevOps-friendly Configuration and Management

Configuring your system shouldn't slow you down. NGINX Plus utilizes the NGINX Configuration Language that makes setup flexible and easy. In addition, NGINX Plus offers **on-the-fly configuration**, which makes orchestration and auto-scaling of major deployments possible for even the largest groups of servers.

Built from the best

Built on the market-leading NGINX open-source core, NGINX Plus benefits from ten years of proven reliability, scalability, and performance enjoyed by over 140 million websites.

Advanced Application Delivery

With NGINX Plus, you can build a fully converged HTTP delivery solution with request routing, enterprise-grade load balancing, SSL termination, and edge caching. NGINX Plus eliminates the complexity of maintaining separate solutions for each function in order to deliver complex web applications.

Adaptive Media Streaming

NGINX Plus provides HTTP-based video delivery with the support for popular formats like MP4, FLV, Adobe HDS and Apple HLS. Combined with adaptive bit-rate streaming, NGINX provides a superior video experience for end users.

Activity Monitoring

Exported metrics can be delivered in real-time to an external performance monitoring system or service. They can also be visualized with a custom HTML/JavaScript page, or with the monitoring tools included with NGINX Plus. NGINX Plus performs in-line checks and sophisticated probes on upstream servers, retrying requests where possible.

World-class support

NGINX Plus is available with enterprise-level support including ticket-tracking, case management, guaranteed response times, and access to results-driven expert assistance. Relax, knowing you're backed up by the NGINX experts.

Benefits

Drive performance from within your application

Developers of the most popular web applications know that delivery performance is every bit as important as the features that make the application unique. Delivery is traditionally supported by features in the network and infrastructure tier. NGINX Plus moves these features into the application, so your users get an application tuned to perform to its optimum.



Scalability and Performance

NGINX Plus is designed to scale with your business. A single instance is capable of serving a million or more users and tens of thousands of requests.



A complete toolkit

More than just a web server or ADC, NGINX Plus gives you high availability, versatile load balancing, content routing, acceleration, and caching.



Predictable reliability

Gain operational efficiencies and reduce infrastructure costs by deploying NGINX Plus on low power chipsets or virtual machines with limited RAM. Intelligent resource usage gives you the confidence to grow.



Simplicity

Don't waste valuable engineering hours tweaking awkward network-focused configurations. With NGINX Configuration Language (NCL) you get a flexible, application-friendly, easily scalable setup.



Virtualized

If the cloud is in your future, NGINX Plus is your server. Built to optimize CPU and memory resource utilization, NGINX Plus is extremely efficient in virtualized public and private clouds.



Automated

Use your favorite automation tool, like Puppet and Chef. From maintenance to innovation, NGINX Plus is intended to simplify how you develop and deploy your web application with limited RAM.

For more information, visit www.nginx.com, or send us an email at nginx-inquiries@nginx.com.

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