

Supercharge Your Application Delivery with the World's Most Powerful Engine: NGINX Plus



Your website and web applications are no longer a secondary part of your business. Every business is now a digital business, and the applications you build, deploy, and maintain play a critical role in your company's future. But building applications is only the half the battle; success or failure depends on how you deploy, connect, secure, scale, and evolve your applications.

The demands of the modern web have inspired a new suite of tools and technologies that are overwhelmingly open source, cloud-friendly, and place a premium on adaptability, performance, and scalability. Of all of these new tools, none is more fundamental to the architecture of the modern web than NGINX.

NGINX Plus is the commercially supported version of NGINX Open Source, the software that powers the busiest websites in the world. NGINX Plus is a complete application delivery platform, extending the power of NGINX with a host of enterprise-ready capabilities that are instrumental to building web applications at scale. A truly innovative package of enhanced features takes NGINX Plus far beyond any legacy application delivery controller (ADC) or hardware load balancer:

- **High-performance reverse proxy**
- **Full-featured HTTP and TCP load balancing**
- **Caching and offload of dynamic and static content**
- **Adaptive streaming to deliver audio and video to any device**
- **Application-aware health checks and high availability**
- **Advanced activity monitoring available via a dashboard or API**
- **Management and real-time configuration changes with DevOps-friendly tools**

NGINX Plus builds on the vastly popular NGINX Open Source software. With over ten years of deployment across more than 130 million sites, NGINX is proven to ensure performance, reliability, security, and scale.

“ **We had an expensive upgrade coming up with our current [hardware-based] load balancing provider, so we looked at alternatives. We found that we could do more with NGINX Plus and do it at a quarter of the cost at most.** ”

MATT BLAHA, SR. SYSTEMS ENGINEER AT DISCOVERY EDUCATION

NGINX PLUS “QUICK FACTS”

You can reconfigure load-balanced groups of servers on the fly using DNS zone information or a simple HTTP interface.

Session persistence improves performance by directing all requests from a client to the same server, while session draining allows you to take servers offline without interrupting the user's experience.

NGINX Plus makes extensive traffic and performance statistics available on our “at-a-glance” dashboard, or through a RESTful JSON interface for easy integration with third-party or custom-developed monitoring tools.

NGINX Plus regularly checks the health of upstream servers and diverts traffic away from failed servers, so your users don't see delays or errors.

Using an HTTP interface, you can quickly purge cached objects that share a common URL stem.

Features

Unlike traditional hardware load balancers or ADCs, NGINX Plus provides complete application delivery with unlimited throughput at a lower cost than competitors.



ADVANCED APPLICATION DELIVERY

NGINX Plus is a fully converged HTTP delivery solution that does it all: request routing, enterprise-grade load balancing, SSL termination, and edge caching. You can deliver rich and complex web experiences without the headache of managing a separate solution for each function.



ADAPTIVE MEDIA STREAMING

NGINX Plus delivers video over HTTP in popular formats like MP4, FLV, Adobe HDS, and Apple HLS. Adaptive bitrate streaming provides a superior viewing experience for end users while preventing fast clients and download accelerators from monopolizing resources.



HIGH-PERFORMANCE LOAD BALANCING AND APPLICATION ACCELERATION

NGINX Plus improves the performance, scalability, and reliability of your website with full featured HTTP and TCP 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. NGINX Plus also can be easily installed and operated on existing hardware or VMs at a much lower cost than hardware solutions.



DEVOPS-FRIENDLY CONFIGURATION AND MANAGEMENT

Configuring your system shouldn't slow you down. The configuration language common to NGINX Plus and NGINX Open Source makes setup flexible and easy. In addition, NGINX Plus offers on-the-fly reconfiguration of upstream server groups, which makes orchestration and auto-scaling of major deployments possible for even the largest groups of servers



CACHING AND OFFLOAD OF DYNAMIC AND STATIC CONTENT

Caching accelerates content delivery to users and reduces load on upstream servers. While caching is traditionally deployed in a separate tier in front of the application, with NGINX Plus developers can integrate it deep in the application itself. NGINX Plus extends NGINX Open Source's already powerful caching solution with greater control over cache content and richer visualization of cache status.



ACTIVITY MONITORING

NGINX Plus performs in-line checks and sophisticated probes on upstream servers. NGINX Plus then delivers performance metrics in real time to a bundled dashboard, to popular application performance monitoring tools like NewRelic, AppDynamics, and DataDog, or via JSON for inclusion in your own custom monitoring and management tools.



WORLD-CLASS SUPPORT

NGINX, Inc. offers true enterprise-grade support for our software that provides direct access to the core NGINX engineering team. Our support uses a ticket-based system with guaranteed response times to help you with installation and deployment, debugging, error correction, advice, and configuration guidance. NGINX Plus customers also can choose to sign up for direct security notifications and patches for hot bug fixes.

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

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