

# **Flawless** application delivery

Scale and secure your apps with ease

Your business no longer just depends on the applications you build, it is the applications you build. Every business is now a digital business, and the applications you build play a critical role in your company's future. But building applications is only the half the battle; success or failure depends on how well you deploy, secure, and scale your applications.

NGINX Plus extends the open source NGINX software with advanced functionality and award-winning support, providing customers with a complete application delivery solution. NGINX Plus combines a load balancer, content cache, web server, security controls, and rich application monitoring and management into one easy-to-use software package.

■ 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. "

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MATT BLAHA, SENIOR SYSTEMS ENGINEER, DISCOVERY EDUCATION

## **DID YOU KNOW THAT NGINX PLUS...**

- Saves you 85% or more compared to hardware application delivery controllers (ADC)
- Runs bare metal on industrystandard x86, ARM, and Power8 servers
- Works in all public and private clouds
- Runs easily in containers, and is one of the most popular tools on Docker Hub
- Is the top-rated ADC for bimodal IT
- Is fully automatable; manage configuration with Chef, Puppet, and Ansible
- Has no throughput limits
- Is less than 5 MB in size
- Can be extended with dynamically pluggable modules
- Has site and application-wide licensing available

The world's largest enterprises and most innovative brands rely on NGINX Plus to deliver their online experiences to the world:









BOOX WARE















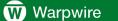
















# **NGINX Plus features**



#### **LOAD BALANCER**

- HTTP, TCP, and UDP load balancing
- Round Robin and Least Connections load balancing algorithms
- Passive health checks
- IP Hash session persistence
- IP Transparency
- Direct Server Return (DSR)
- Layer 7 request routing
- Least Time load balancing algorithm\*
- Active HTTP, TCP, and UDP health checks\*
  - Customizable HTTP status code check
  - Regex pattern matching on HTTP response body
  - TCP Connect health check
- Slow-start for new or failed servers\*
- Sticky cookie (insertion and learning) and sticky route session persistence\*
- Session draining\*
- Dynamic reconfiguration of backend servers using REST-like API\*
- DNS service discovery integration\*



#### **CONTENT CACHE**

- Cache static and dynamic content
- Micro-caching
- Byte-range caching
- Cache limiting or bypassing
- Background cache revalidation
- Support for stale-while-revalidate and stale-if-error cache extensions defined in RFC 5861
- Override or set cache control headers
- Cache purging\*



#### **SECURITY CONTROLS**

- Request/connection limiting
- IP address white/black lists
- Dual stack RSA/ECC SSL/TLS offloading
- HTTP Basic authentication
- IP access control list (ACL)
- Proxying requests with NTLM authentication\*
- API authentication with JSON Web Tokens (JWT)\*
- OpenID Connect Single Sign On (SSO) \*



### WEB SERVER AND REVERSE PROXY

- Serve static content
- Reverse proxy HTTP, Memcached, PHP-FPM, SCGI, and uWSGI servers
- Geolocation of users by IP address (requires MaxMind GeoIP database)
- HTTP/2 gateway
- HTTP video streaming with support for FLV, HDS, HLS, and MP4 formats



#### MONITORING AND MANAGEMENT:

- Stub status
- Plug-ins for New Relic, AppDynamics, DataDog, and NGINX Amplify
- Detailed access logs
- Extended status with over 90 unique metrics across\*
- Bundled in real-time graphical dashboard\*
- JSON and HTML output for integration with custom monitoring tools\*
- API for managing upstream servers, key-value stores, and real-time metrics\*
- Active-active and active-passive high availability (HA) with config sync\*



#### **24X7 EXPERT SUPPORT**

All NGINX Plus instances come with enterprisegrade support that provides direct access to the core NGINX engineering team.

- 2016 Silver Stevie Award for excellence in sales and customer service
- 9.5/10 average customer satisfaction rating
- Professional service offerings available

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

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<sup>\*</sup> Exclusive to NGINX Plus