# NGINX Plus and AWS

BETTER TOGETHER

NGINX and Amazon have partnered to provide high-performance application delivery solutions for AWS applications. From self-service provisioning to turnkey environments, our offerings help you get the most from your AWS applications. NGINX Plus can be deployed as an API gateway, Load Balancer, WAF, and Web Server thereby reducing costs and complexity.

All-Active High Availability (HA)
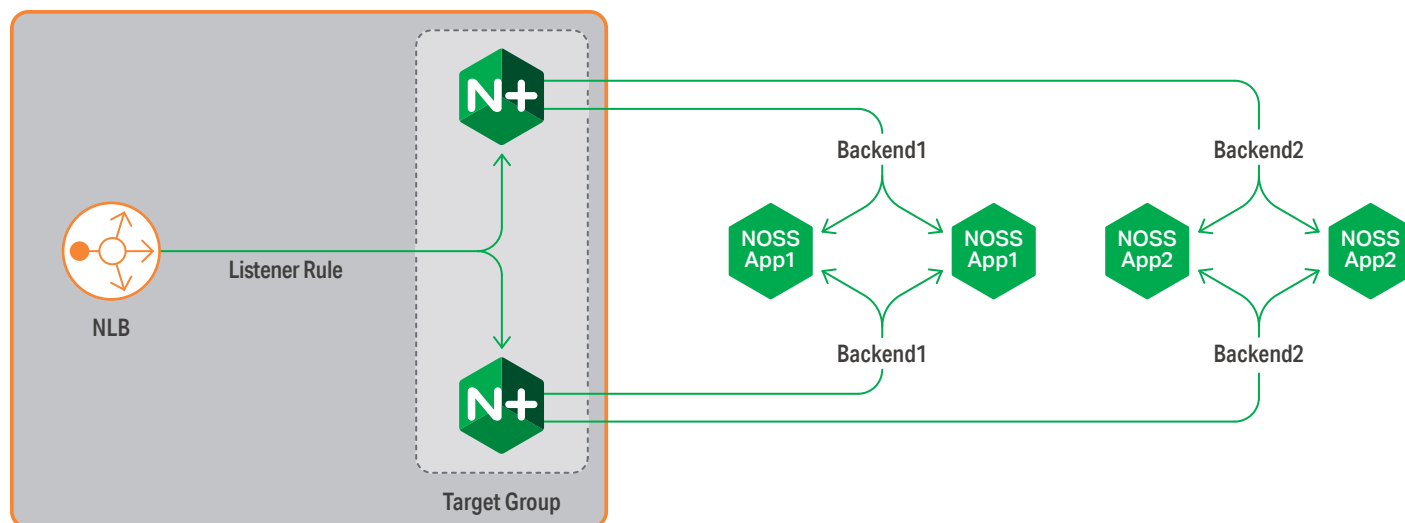
Amazon Network Load Balancer (NLB) load balances at Layer 4, passing traffic to NGINX Plus for Layer 7 load balancing:

- Lowers AWS bill by reducing number of idle servers
- Auto Scaling of NGINX Plus tier using AWS Auto Scaling Group
- Support for Elastic IP Addresses
- High-availability load balancing across multiple availability zones
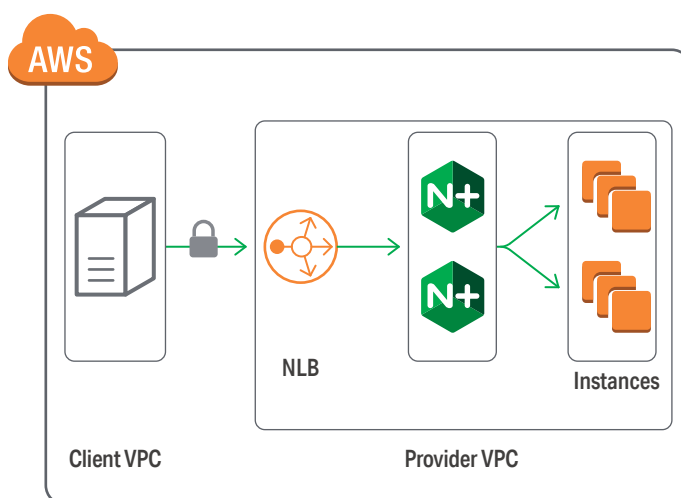
Global Load Balancing
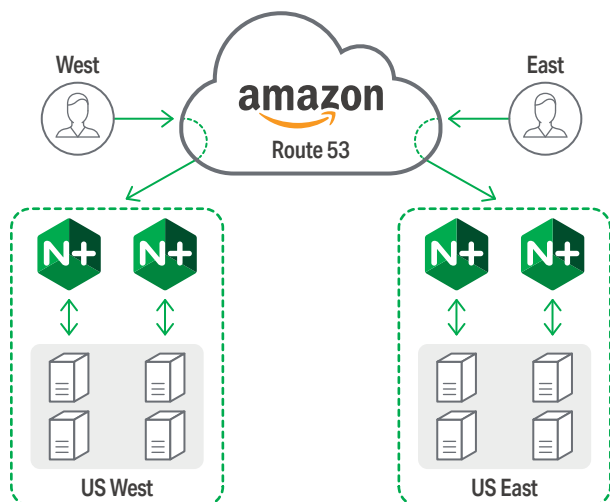
Combine Route 53 with NGINX Plus for global load balancing:

- Geographically-based routing for best end-user experience
- Can be used with or without Amazon NLB
- Can be either active-active or active-passive

AWS PrivateLink

Authenticate, route, and control AWS PrivateLink traffic:

- NGINX Plus rich feature-set within PrivateLink
- NGINX Plus can extract the source VPC ID for AWS PrivateLink connections
- Source VPC ID can be used for logging our routing decisions

Learn more at **nginx.com/aws**

Two Ways to Get Started

NGINX Plus in the AWS Marketplace

Prebuilt AMIs in the AWS marketplace:

- Self-service provisioning saves time
- Metered and billed through AWS
- Flexible hourly or annual pricing
- Your choice of OS: Amazon Linux, Red Hat, or Ubuntu
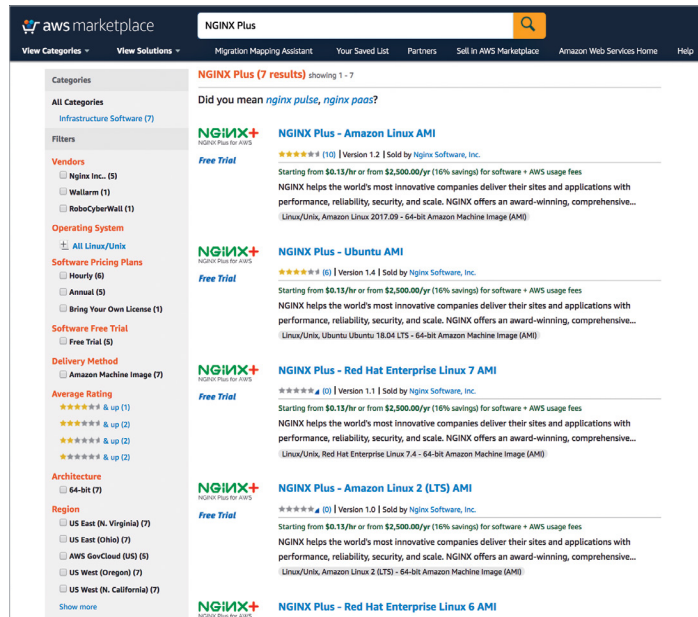
NGINX Plus AWS Quick Start

Create a turnkey AWS environment with the push of a button:

- VPC with two availability zones
- NGINX Plus in each availability zone for L7 routing and SSL termination
- Route 53 for global load balancing
- Auto Scaling of NGINX Plus and application servers
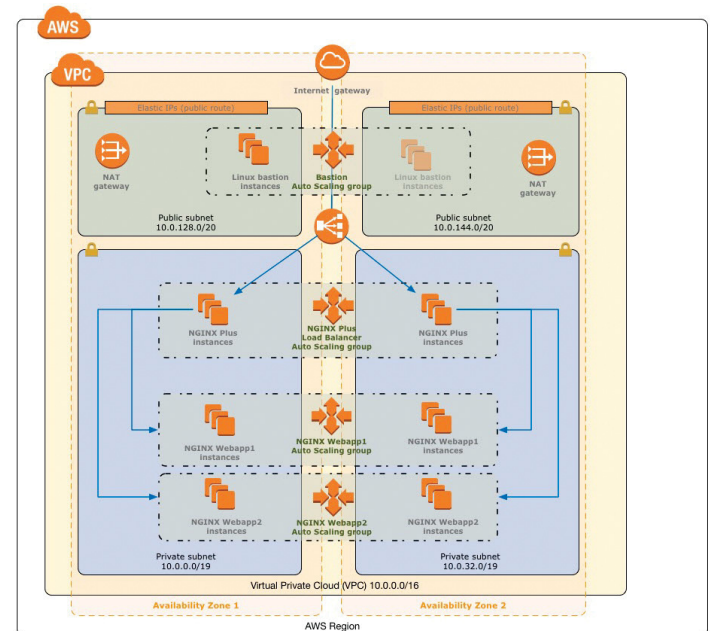
NGINX Plus Features

- HTTP load balancer
- Round Robin algorithm
- Sticky Cookie session persistence
- Active health checks
- OpenID Connect single sign-on (SSO): Okta, OneLogin, Ping Identity
- **Cache**

- TCP/UDP load balancer
- **Least Connections, Least Time, and Random with Two Choices algorithms**
- **Sticky Learn and Sticky Route session persistence**
- **Rate limiting**
- **Dual-stack RSA/ECC SSL certificates**
- **Web server**
- **Streaming media**

Bold features not available in ALB

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