

HAProxy **ENTERPRISE EDITION**

Software Load Balancer & Application Delivery Controller

WHY CHOOSE HAProxy ENTERPRISE EDITION

ROBUST & CUTTING-EDGE CODE BASE

HAProxy Enterprise Edition combines the best of HAProxy stable and development versions. It provides a robust, reliable code base plus the latest cutting-edge features.

ENTERPRISE SUITE

Administration and security focused modules, tools and scripts.

VERSATILITY

HAProxy Enterprise Edition runs in all environments, from bare metal, containers and virtual servers to on-premise data centers or public/private clouds. It integrates with popular DevOps and service discovery tools.

RELIABLE PERFORMANCE

Proven reliability since 2000 and extreme performance based on innovative code optimizations.

ADVANCED SECURITY

Through mitigating attacks for top sites in the world, our powerful DDoS and anomalous behavior detection engine was born and constantly improves.

EXTENSIBLE FEATURES

Robust core code allows for the native delivery of a wealth of features based on powerful configuration language.

SUPPORT

Full 24x7 support and 5-year maintenance guarantee for HAProxy Enterprise Edition Premium customers.

EXPERTISE

Team of experts including the HAProxy core development team for incident response and complex troubleshooting.

REPUTATION

Trusted by many of the top websites and cloud providers in the world.

HAProxy Enterprise Edition combines HAProxy, the world's most widely used open source software load balancer and application delivery controller, with enterprise class features, services and premium support. HAProxy Enterprise Edition is a powerful product tailored to the goals, requirements and infrastructure of modern enterprises.

HAProxy **Community Edition**



HAProxy **Enterprise Edition**



Advanced HTTP/TCP Load Balancing and Persistence

Advanced Health Checks

Application Acceleration

Advanced Security

Advanced Administration

Backported Features From HAProxy Dev Branch:

- Hitless Reloads/Upgrades
- Server Templates

24x7 Support

Real Time Dashboard

VRRP and Route Health Injection HA Tools

Configuration API

ACL, Map and TLS Automatic Updates

Advanced Application-based DDoS Protection

Bot Detection

Advanced Web Application Firewall

HTTP Protocol Validation

Cluster-Wide Tracking



FEATURES

SECURITY

Reverse Proxy

Having a reverse proxy protects your infrastructure from probing and attacks

HTTP Validation

Validates that the request is in full compliance with HTTP standards, protecting the backend from unknown threats

Advanced Application-based DDoS Protection

Provides application-based DDoS protection

Anomalous Behavior Protection

Brute force/scraping and fraud protection

Dynamic ACL Updates

Dynamic management of whitelists, blacklists and URL restrictions

Traffic Filtering

Filtering of any element of HTTP/HTTPS request or response

Antibot Module

Send JavaScript challenges to suspicious clients to help distinguish between a real user and an automated bot

Sanitize Module

Filter and verify HTTP headers to ensure app security

Fingerprint Module

Efficiently separate real search engines from DDoS bots pretending to be search engine

WAF Offloader Module

High-performance blacklist-based WAF module that protects your sites against SQL injection and XSS attacks

Advanced WAF Module

High-performance whitelist-based WAF module allows for a very high level of protection for even the most insecure web applications

ADMINISTRATION

Real Time Dashboard

Provides a view of your services' health, rates and load along with aggregation of stats across multiple instances. In addition, it facilitates administrative tasks such as enabling, disabling and draining backends. Tasks can also be automated.

Extensive Logging

Built-in advanced logging features to offload backend servers and provide useful insight into the timing events of each request

Socket API

Allows viewing load balancer information and statistics as well as performing administrative actions such as updating server IP address and port information, ACLs, maps, TLS keys, and state

Client IP Forwarding in TCP Mode

PROXY protocol support allows forwarding the client IP to backends for TCP servers such as MySQL as well as receiving information from other proxies

SNMP

Integrate statistics not only about HAProxy but also about the frontends and backends it services into many popular graphing/monitoring tools

Configuration API

Create or update the configuration on both the command line and over HTTP with multi-tenant support to keep your services separate

Update Module (LB and TLS)

Update maps, ACLs and TLS ticket keys automatically during runtime from any HTTP server

Cluster-Wide Tracking (Coming Soon)

Aggregate view of in memory counters across your whole load balancing infrastructure allows you to define cluster wide tracking policies that efficiently detect problematic or malicious behavior

LOAD BALANCING

Comprehensive LB Methods

Basic and advanced LB methods including static and weighted round-robin, weighted least connection, client IP or URL-hash based

Advanced Routing Decisions

Route requests on multiple properties on any layer - from IP all the way to the application. Examples include IP address, TCP ports, SSL information or the HTTP path components and many more

Stickiness/Persistence

Multiple persistence methods based on TCP/IP information (client IP, port or TCP payload) or any property of HTTP requests (cookies, headers, URI, etc.)

Extensive ACL System

Support for making decisions based on any TCP/IP information or HTTP property

LUA Scripting Support

Allows you to create LUA scripts that extend load balancing functionality in almost any way

HIGH AVAILABILITY

Advanced Health Checks

Multiple advanced health checking options including complex HTTP requests, agent-checks, external scripts and more

Slow Stop/Start Support

Graceful server shutdown (drain) and startup (slow start)

Traffic Overload Protection

Protects backends against overloading and handles requests with queues

Route Health Injection (RHI)

An optimized version of a third party software that allows for the control of routing protocol announcement based on the health of the network and the HAProxy Enterprise Edition service for active/active clustering

VRPP

An optimized version of a third party software that allows for better interaction between HAProxy Enterprise Edition and the VRPP protocol on switches for active/passive clustering

APPLICATION ACCELERATION

High Performance SSL/TLS

Enhances security, accelerates page loads and reduces backend demands

Advanced SSL Algorithm Selection

Automatic selection of ECC or RSA allows you to have all the efficiency of ECC without any of the risk or complexity

Compression

HTTP compression support to offload backend servers

GeoIP Support

A high-performance map-driven engine allows you to do GeoIP or other database lookups in HAProxy with millions of entries with negligible performance impact

Device Detection

Support for multiple device detection libraries makes it possible to make decisions on the load balancer level as well as deliver the best device data for your backend application to use

Connection Buffering

Support for accelerating TCP/HTTP requests with buffering

Backend Connections Reduction

Ability to share idle connections between clients to improve performance and lessen the load on backend servers

SUPPORT LEVELS

BUSINESS SUPPORT

Hours

9am-6pm

Critical Issue

Target Response Time - 8 hours

Communication:

E-Mail, Phone or Web

Prompt Maintenance and Updates

PREMIUM SUPPORT

Hours

24x7

Critical Issue

Target Response Time - 30 mins

Moderate Issue

Target Response Time - 2 days

Informational Issue

Target Response Time - 3 days

Communication

E-Mail, Phone or Web

Consultative Support

Prompt Maintenance and Updates

ABOUT HAPROXY TECHNOLOGIES

THE COMPANY BEHIND THE WORLD'S MOST WIDELY USED

SOFTWARE LOAD BALANCER AND APPLICATION DELIVERY CONTROLLER

Built for the enterprise that demands exceptional user experience, HAProxy Technologies empowers users with the flexibility and confidence to deliver websites and applications with high availability, performance and security at any scale and in any environment.

HAProxy sets the standard for superior application delivery!

CONTACT

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