

Software Load Balancer & Application Delivery Controller



HAPROXY

HAPROXY ENTERPRISE

HAProxy Enterprise 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 is a powerful product tailored to the goals, requirements and infrastructure of modern enterprises.

WHY CHOOSE HAPROXY ENTERPRISE

ROBUST AND CUTTING-EDGE CODE BASE

HAProxy Enterprise combines the best of HAProxy Community 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 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 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.

FEATURE COMPARISON

HAPROXY Enterprise

HAPROXY Community

Advanced HTTP/TCP Load Balancing and Persistence



Advanced Health Checks



Application Acceleration



Advanced Security



Advanced Administration



Backported Features From HAProxy Dev Branch



24x7 Support



Real Time Dashboard



VRRP and Route Health Injection HA Tools



ACL, Map, and TLS Ticket Key Synchronization



Advanced Application-based DDoS and Bot Protection



Bot Detection



Web Application Firewall



HTTP Protocol Validation



Realtime Cluster-Wide Tracking



WE WOULD LOVE TO HEAR FROM YOU

Contact the authoritative experts on HAProxy who will assist you in finding the solution that best fits your needs for deployment, scale, and security.

Free Trial:

WWW.HAPROXY.COM

CONTACT@HAPROXY.COM

+1 (844) 222-4340



FEATURES

SECURITY

Reverse Proxy

Proxy all traffic from the Internet to your application servers through HAProxy, exposing only intended services and logging requests.

HTTP Validation

Validate that requests comply with the protocol specifications before sending them on to application servers.

Advanced Application-based DDoS Protection

Block requests from clients based on multiple metrics and criteria over a configurable time window.

Anomalous Behavior Protection

Combine multiple metrics about a client's behavior for smarter routing and access decisions.

Dynamic Update

Updates ACL, Map, or TLS ticket key files in memory normally loaded from disk during HAProxy startup during runtime.

Traffic Filtering

Use ACLs to detect any condition in HTTP(S) traffic and route or block the request as desired.

Antibot Module

Send a Javascript challenge to requests selected by ACL rules.

reCAPTCHA v2

Present a Google reCAPTCHA v2 challenge to clients that exhibit anomalous traffic patterns.

Sanitize Module

Filter and verify that HTTP header names and contents comply with the HTTP specification.

Fingerprint Module

Generate a unique identifier based on a client request.

WAF Module

Enable the high-performance Web Application Firewall, which supports multiple modes including blacklist-based signature support, whitelist-only mode, and ModSecurity ruleset support.

LOAD BALANCING

Comprehensive LB Methods

Load balance by round robin, least connections, URI, IP address and several hashing methods.

Advanced Routing Decisions

Send requests to specific application clusters based on URL, domain name, file extension, client IP address, health state of backends, number of active connections, SSL client certificate, and more.

Stickiness/Persistence

Maintain users' sessions based on TCP/IP information or any property of the HTTP request (cookies, headers, URI, and more).

Extensive ACL System

Make advanced decisions based on any TCP/IP information or HTTP attribute with full logical operator support.

LUA Scripting Support

Extend and customize HAProxy with Lua scripts that have access to the request/response pipeline.

HIGH AVAILABILITY

Advanced Health Checks

Gain flexibility when monitoring your backend servers with both active and passive health checks. You can also deploy Agent software to remotely push state changes to HAProxy from your monitored servers.

Slow Start

Slowly increase the rate of new sessions sent to a backend when it comes up instead of sending traffic all at once.

Slow Stop

Drain requests from servers, while allowing users to finish their sessions.

Traffic Overload Protection

Limit the maximum number of connections assigned to application servers, either sending them to other server clusters or queuing the requests in HAProxy if that limit is reached.

Hitless Reloads

Eliminate lost connections. Reloads of HAProxy Enterprise do not lose any connections during upgrades or changes to the configuration.

Route Health Injection (RHI)

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

VRRP

An optimized version of the keepalived daemon for active/passive clustering.

Traffic Shadowing

Mirror requests from one environment to another for testing new features.

APPLICATION ACCELERATION

High Performance SSL/TLS

Terminate TLS on the HAProxy load balancer, optionally establishing a TLS connection to the backend server for end-to-end encryption.

Advanced SSL Algorithm Selection

Automatically pick the optimal certificate for a given client, enabling simultaneous use of ECC and RSA.

HTTP/2 Support

Accelerate end-to-end communication using the HTTP/2 protocol.

gRPC

Route and load balance gRPC calls between services, taking advantage of its efficient, binary serialization.

Multithreading

Split processing across multiple threads while sharing the same memory space.

Object Caching

Offload static content delivery from your application servers so they can perform their primary duty—delivering the application.

Connection Pooling

Reuse idle connections between HAProxy and your backend servers to save time.

Compression

Reduce bandwidth usage by compressing HTTP responses from backends before passing them on to clients.

Geolocation Support

Load geolocation databases from multiple vendors into HAProxy for advanced request handling, routing, and for passing information on to your application servers. Includes live updating of databases.

Device Intelligence

Gets information about a client by passing the user-agent string to one of HAProxy's supported device detection databases.

ADMINISTRATION

Runtime API

Programmatically pull data from or make changes to HAProxy during runtime.

DNS for Service Discovery

Dynamically scale the number of application servers by querying a service registry over DNS.

Server Templates

Provision multiple application servers with a single server line to be filled in during runtime.

Extensive Logging

Log information about requests, with support for syslog and cloud-native logging.

Real-Time Dashboard

View your services' health, traffic rates, and load aggregated across multiple load balancer instances. Administer enabling, disabling and draining of backends.

Data Plane API

Programmatically add, modify or remove sections of your configuration using the HTTP API.

Cluster-wide Tracking

Provides realtime aggregated values from stick tables across multiple processes or servers in a cluster which allows for realtime cluster-wide tracking

SSO Module

Enable SSO (Single Sign On) on a Microsoft Active Directory domain.

SUPPORT LEVELS

► 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, Slack Live Chat

Consultative Support

Prompt Maintenance and Updates

► BUSINESS SUPPORT

Hours: 9am-6pm

Critical Issue:

Target Response Time - 8 hours

Communication:

E-Mail, Phone or Web

Prompt Maintenance and Updates



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