|  |  |  |
| --- | --- | --- |
| [**HAProxy**](http://www.haproxy.org/)  ***The Reliable, High Performance TCP/HTTP Load Balancer*** |  | Mirror Sites: [Master](http://www.haproxy.org/)   Language: [English](http://www.haproxy.org/) |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Quick links**  [**Quick News**](https://www.haproxy.org/#news) [Recent News](https://www.haproxy.org/news.html) [Description](https://www.haproxy.org/#desc) [Performance](https://www.haproxy.org/#perf) [Reliability](https://www.haproxy.org/#fiab) [Security](https://www.haproxy.org/#secu) [**Documentation**](http://docs.haproxy.org/) [**Project on GitHub**](https://github.com/haproxy/haproxy/) [**Download sources / doc**](https://www.haproxy.org/#down) [**Packages / Images / Distros**](https://github.com/haproxy/wiki/wiki/Packages) [**Live demo**](http://demo.haproxy.org/) [**They use it!**](https://www.haproxy.org/they-use-it.html) [Enterprise Features](https://www.haproxy.com/products/haproxy-enterprise-edition/) [Third party extensions](https://www.haproxy.com/haproxy-integrations/) [**Commercial Support**](https://www.haproxy.org/#supp) [Contacts](https://www.haproxy.org/#tact) [External links](https://www.haproxy.org/links.html) [Discussions](http://discourse.haproxy.org/) [Slack channel](https://slack.haproxy.org/) [**Mailing list**](https://www.haproxy.org/#tact) [**Coding style**](https://www.haproxy.org/coding-style.html) [**Open Issues**](https://github.com/haproxy/haproxy/issues) [**Known bugs**](https://www.haproxy.org/bugs/index.html)  [**HATop: Ncurses Interface**](http://feurix.org/projects/hatop/) [**Herald: load feedback agent**](https://github.com/helpshift/herald) [**haproxystats: stats collection**](https://github.com/unixsurfer/haproxystats) [**Alpine-based Docker images**](https://hub.docker.com/_/haproxy/) [**Debian-based Docker images**](https://hub.docker.com/_/haproxy/) [**RHEL-based Docker images**](https://gitlab.com/aleks001/haproxy) [**Debian/Ubuntu packages**](https://haproxy.debian.net/)  **Site served using:** **HTTP version**: 2 **Transport**: TLSv1.3+TCP **Network**: IPv4 Your computer is not IPv6-ready  visitors online     *Thanks for your support !* |  | **Latest versions**   |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | | **Branch** | **Release date** | **End of life** | **Latest version** | **Changelog** | **Links** | | [3.1-dev](http://git.haproxy.org/?p=haproxy.git) | ~2024-Q4 | 2025-Q4 (dev » stable) | [3.1-dev2](https://www.haproxy.org/download/3.1/src/devel/haproxy-3.1-dev2.tar.gz) | [2024/06/29](https://www.haproxy.org/download/3.1/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy.git/) / [web](http://git.haproxy.org/?p=haproxy.git) / [dir](https://www.haproxy.org/download/3.1/) / [announce](https://www.mail-archive.com/search?l=haproxy%40formilux.org&q=announce+subject%3A%22%5bANNOUNCE%5d+haproxy-3.1-dev2%22+-subject%3A%22re:%22) | | [3.0](http://git.haproxy.org/?p=haproxy-3.0.git) | ~2024-05-29 | **2029-Q2 (LTS)** | [3.0.2](https://www.haproxy.org/download/3.0/src/haproxy-3.0.2.tar.gz) | [2024/06/14](https://www.haproxy.org/download/3.0/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-3.0.git/) / [web](http://git.haproxy.org/?p=haproxy-3.0.git) / [dir](https://www.haproxy.org/download/3.0/) / [announce](https://www.mail-archive.com/search?l=haproxy%40formilux.org&q=announce+subject%3A%22%5bANNOUNCE%5d+haproxy-3.0.2%22+-subject%3A%22re:%22) | | [2.9](http://git.haproxy.org/?p=haproxy.git) | 2023-12-05 | 2025-Q1 (stable) | [2.9.9](https://www.haproxy.org/download/2.9/src/haproxy-2.9.9.tar.gz) | [2024/06/14](https://www.haproxy.org/download/2.9/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-2.9.git/) / [web](http://git.haproxy.org/?p=haproxy-2.9.git) / [dir](https://www.haproxy.org/download/2.9/) / [announce](https://www.mail-archive.com/search?l=haproxy%40formilux.org&q=announce+subject%3A%22%5bANNOUNCE%5d+haproxy-2.9.9%22+-subject%3A%22re:%22) / [bugs](http://www.haproxy.org/bugs/bugs-2.9.html) | | [2.8](http://git.haproxy.org/?p=haproxy-2.8.git) | 2023-05-31 | **2028-Q2 (LTS)** | [2.8.10](https://www.haproxy.org/download/2.8/src/haproxy-2.8.10.tar.gz) | [2024/06/14](https://www.haproxy.org/download/2.8/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-2.8.git/) / [web](http://git.haproxy.org/?p=haproxy-2.8.git) / [dir](https://www.haproxy.org/download/2.8/) / [announce](https://www.mail-archive.com/search?l=haproxy%40formilux.org&q=announce+subject%3A%22%5bANNOUNCE%5d+haproxy-2.8.10%22+-subject%3A%22re:%22) / [bugs](http://www.haproxy.org/bugs/bugs-2.8.html) | | [2.6](http://git.haproxy.org/?p=haproxy-2.6.git) | 2022-05-31 | **2027-Q2 (LTS)** | [2.6.18](https://www.haproxy.org/download/2.6/src/haproxy-2.6.18.tar.gz) | [2024/06/18](https://www.haproxy.org/download/2.6/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-2.6.git/) / [web](http://git.haproxy.org/?p=haproxy-2.6.git) / [dir](https://www.haproxy.org/download/2.6/) / [announce](https://www.mail-archive.com/search?l=haproxy%40formilux.org&q=announce+subject%3A%22%5bANNOUNCE%5d+haproxy-2.6.18%22+-subject%3A%22re:%22) / [bugs](http://www.haproxy.org/bugs/bugs-2.6.html) | | [2.4](http://git.haproxy.org/?p=haproxy-2.4.git) | 2021-05-14 | **2026-Q2 (critical fixes only)** | [2.4.27](https://www.haproxy.org/download/2.4/src/haproxy-2.4.27.tar.gz) | [2024/06/18](https://www.haproxy.org/download/2.4/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-2.4.git/) / [web](http://git.haproxy.org/?p=haproxy-2.4.git) / [dir](https://www.haproxy.org/download/2.4/) / [announce](https://www.mail-archive.com/search?a=1&l=haproxy%40formilux.org&haswords=announce&subject=%5BANNOUNCE%5D+haproxy-2.4.27&notwords=Re%3A) / [bugs](http://www.haproxy.org/bugs/bugs-2.4.html) | | [2.2](http://git.haproxy.org/?p=haproxy-2.2.git) | [2020-07-07](https://www.mail-archive.com/haproxy@formilux.org/msg37852.html) | **2025-Q2 (critical fixes only)** | [2.2.33](https://www.haproxy.org/download/2.2/src/haproxy-2.2.33.tar.gz) | [2024/04/05](https://www.haproxy.org/download/2.2/src/CHANGELOG) | [git](http://git.haproxy.org/git/haproxy-2.2.git/) / [web](http://git.haproxy.org/?p=haproxy-2.2.git) / [dir](https://www.haproxy.org/download/2.2/) / [announce](https://www.mail-archive.com/search?a=1&l=haproxy%40formilux.org&haswords=announce&subject=%5BANNOUNCE%5D+haproxy-2.2.33&notwords=Re%3A) / [bugs](http://www.haproxy.org/bugs/bugs-2.2.html) | | [*Hide/Show unmaintained*](javascript:void(0);) | | | | | |   **Quick News**  **Dec, 5th, 2023** : **HAProxy 2.9.0 release**  This release has received a lot of small changes that are difficult to summarize. Most of them were aimed at improving performance and resource usage in general (zero-copy forwarding, QUIC's smaller footprint for closed connections, improved scalability), others focusing on better integration with other components (support for the AWS-LC crypto library, QUIC OpenSSL compatitility layer, PROXY protocol manipulation), ease of configuration (most log-format tags now have an equivalent sample fetch, some converters support variables in addition to integers, warnings about bad cpu-map or thread settings), more reliability (log backends with checked servers, better debugging), and a really cool new feature to play with, reverse-http. A lot more details are explained on the [HAProxyTech's blog](https://www.haproxy.com/blog/announcing-haproxy-2-9), and the [mailing-list announcement](https://www.mail-archive.com/haproxy@formilux.org/msg43600.html) summarizes most of these at a higher level.  **May, 31th, 2023** : **HAProxy 2.8.0 release**  During the development cycle of this new LTS release, behind the curtains the focus was mostly set on all the stuff that can improve the reliability, observability and troubleshooting in field, in a quest to further reduce the number of problem reports. At the most visible layers, QUIC is now considered production ready after having been running on this site for more than a year and with no glitch since 2.7 was released; SSL got new improvements with a much better LetsEncrypt integration, wolfSSL support and OCSP automatic updates; RFC7239 ("forwarded") is supported both in processing and generation; listeners can now span multiple thread groups, setting a new limit of 4096 threads (let's hope we won't have to raise that one in the next two decades). For more details, please have a look at the full article on [HAProxyTech's blog](https://www.haproxy.com/blog/announcing-haproxy-2-8) and the [more synthetic mailing-list announcement](https://www.mail-archive.com/haproxy@formilux.org/msg43600.html).  **February, 14th, 2023** : **CVE-2023-25725 fixed!**  We've been notified of a vulnerability in HAProxy that can be exploited to build some request smuggling attacks. It affects all currently supported branches, all the details are [here on the mailing list announce](https://www.mail-archive.com/haproxy@formilux.org/msg43229.html). Please make sure to update either to your latest distro package or to latest version if you build from the sources (2.0.31, 2.2.29, 2.4.22, 2.5.12, 2.6.9, 2.7.3 or 2.8-dev4).  **December, 1st, 2022** : **HAProxy 2.7.0 release**  HAProxy 2.7.0 is now released and available for download, opening the way to 2.8-dev. 2.7 provides traffic shaping, many QUIC improvements, eases the switch to alternate SSL libraries, and improves user experience with everything related to troubleshooting and issue reporting. Please see the [announnce](https://www.mail-archive.com/haproxy@formilux.org/msg42914.html) for more details and/or consult the [HAProxyTech blog article](https://www.haproxy.com/blog/announcing-haproxy-2-7/) for more details.  [***Older news...***](https://www.haproxy.org/news.html)  **Description**  HAProxy is a free, very fast and reliable reverse-proxy offering [high availability](http://en.wikipedia.org/wiki/High_availability), [load balancing](http://en.wikipedia.org/wiki/Load_balancer), and proxying for TCP and HTTP-based applications. It is particularly suited for very high traffic web sites and powers a significant portion of the world's most visited ones. Over the years it has become the de-facto standard opensource load balancer, is now shipped with most mainstream Linux distributions, and is often deployed by default in cloud platforms. Since it does not advertise itself, we only know it's used when the [admins report it](https://www.haproxy.org/they-use-it.html) :-)  The HAProxy core team maintains multiple versions in parallel. Since version 1.8, two major version are emitted every year. The first digit usually indicates a breaking change (config format etc) but in practice rarely changes. The second digit indicates new features. Both constitute a **branch**. One extra number appears after these digits to indicate the bug fix release.  The core team deploys a lot of efforts backporting fixes to older releases while being extremely careful not to break anything. For this reason, it is really important to stay up to date within one branch, i.e. having the highest possible number on the last digits.  Branches with an even number are called "LTS" (for "long term support") and area maintained for 5 years after their release. During this time they will receive fixes for bugs that are discovered after the release. These branches are aimed at general users who seek extreme stability and do not want to qualify a new version too often but still want to receive fixes.  Branches with an odd number are only called "stable", they're aimed at highly skilled users who prefer to upgrade often to benefit from modern features, and who are also able to roll back in case of problem. These versions are maintained between 12 and 18 months. The duration is short and purposely not strict so that the maintenance cycle is decided with users based on feedback, and so that these versions do not end up in embedded products. It may happen that a few features are backported to these version if there is some reasonable demand and the operation is considered riskless enough.  Everyone used to dealing with production knows that it's difficult to upgrade components in field when one has to plan and advertise upwards of any operation. For this reason, the HAProxy core team doesn't insist on users to upgrade, will not ask someone to switch to a new branch (unless they ask for a feature that is part of that other branch), but will often ask the user to re-check with the latest version of their branch before reporting a problem, because nobody likes to troubleshoot a problem a second time. It's often suggested to use the versions that come with the operating system when it follows the official maintenance cycle, and depending on the expected level of stability or exposure, some users may want to update as soon as an update is available while others may prefer to wait a few weeks to a month to be sure the update is reliable enough for them.  The currently supported versions are :   * **version 2.9** : reverse-http, log backends, zero-copy forwarding, memory usage reduction, increased bandwidth, better general scalability, AWS-LC support, QUIC openssl compat layer, PROXY protocol manipulation * **version 2.8** : QUIC now prod ready, Lua-based mailers, OCSP auto updates, LetsEncrypt, wolfSSL support, RFC7239 "forwarded", listeners on more than 64 threads, perf/usability/reliability/observability improvements * **version 2.7** : Traffic shaping, QUIC improvements, thread groups, easier switch to alternate SSL libraries, improved debugging * **version 2.6** : QUIC/HTTP3, OpenSSL 3.0, better usability, improved code accessibility and maintenance * **version 2.5** : runtime server addition/removal, runtime CA/CRL updates, native HTTP client, simplified HTTPS logging, default TCP/HTTP rulesets, JWT validation, and more * **version 2.4** : syslog and DNS over TCP, multi-threaded Lua, full sharing of idle conns, lower latency, server-side dynamic SSL update, Opentracing, WebSocket over H2, atomic maps, Vary support, new debugging tools, even more user-friendly CLI and configuration, lots of cleanups * **version 2.3** : syslog forwarding, better idle conn management, improved balancing with large queues, simplified SSL managment, more stats metrics, stricter config checking by default, general performance improvements * **version 2.2** : runtime certificate additions, improved idle connection management, logging over TCP, HTTP "return" directive, errorfile templates, TLSv1.2 by default, extensible health-checks * **version 2.1** : improved I/Os and multi-threading, FastCGI, runtime certificate updates, HTX-only, improved debugging, removal of obsolete keywords * **version 2.0** : gRPC, layer 7 retries, process manager, SSL peers, log load balancing/sampling, end-to-end TCP fast-open, automatic settings (maxconn, threads, HTTP reuse, pools), ... * **version 1.9** : improved multi-threading, end-to-end HTTP/2, connection pools, queue priority control, stdout logging, ... * **version 1.8** : multi-threading, HTTP/2, cache, on-the fly server addition/removal, seamless reloads, DNS SRV, hardware SSL engines, ... * **version 1.7** : added server hot reconfiguration, content processing agents, multi-type certs, ... * **version 1.6** : added DNS resolution support, HTTP connection multiplexing, full stick-table replication, stateless compression, ... * **version 1.5** : added SSL, IPv6, keep-alive, DDoS protection, ...   **Performance**  As shown in [this test run on AWS ARM-based Graviton2](https://www.haproxy.com/blog/haproxy-forwards-over-2-million-http-requests-per-second-on-a-single-aws-arm-instance/), HAProxy scales very well with threads and was shown to be able to reach 2 million requests/s over SSL and 100 Gbps for forwarded traffic.  This is made possible thanks to its [**event-driven**](http://en.wikipedia.org/wiki/Event_driven) architecture that allows to react extremely quickly to I/O events, its parallelism on SMP machines provided by light multi-threading, a task scheduler that permanently composes between low-latency and high throughput, and generally speaking a permanent quest of resource savings at every single architecture layer. These efforts tend to cost a bit in development time but are immediately valued by users who are able to reduce their number of machines upgrade after upgrade. For the vast majority of common loads, the HAProxy process is simply not noticed, which tends to make its users forget it, sometimes resulting in questions regarding extremely old versions.  Please consult [this section](https://www.haproxy.org/oldstuff.html#perf) for more information on the architecture details and some performance test results.  **Reliability - *keeping high-traffic sites online since 2002***  HAProxy is first known for being extremely robust. The core team developers tend to be irritated by certain bugs they fix, but this is because their job is to see them all. Most users report having never ever faced any single crash and claim that HAProxy is the most solid part of their infrastructure. Finding machines with HAProxy processes being up for more than 3 years is not exceptional at all!  All this is not an accident, though. A lot of efforts are made in that direction, to provide excellent observability on what is happening, and an amazing number of protections against bad behaviors. HAProxy is built with many checks for unacceptable situations (impossible conditions, endless loops, etc) that in other products might result in service outages or data corruption, but in HAProxy will immediately result in a crash with a dump of the problem. This rigor pays off since most users have never faced such an issue, thanks to the few who faced them and provided useful reports allowing to fix the problem early.  The development process also encourages quality, with a long term maintenance cycle: versions are maintained for 5 years by the same developers who code the new features. This encourages them to write high quality code and commit messages that correspond to the highest standards. A regression testing suite is used and run along development by all developers and before merging code, as well as after on a wide variety of platforms thanks to the continuous integration (CI) system.  The principle of "eating one's dog's food" applies here as well: haproxy.org runs on the latest development release. This usually helps spot a bug or two per major version before it hits a release. But in addition it maintains a permanent pressure on the development team to release something they're confident in.  The program having been designed from its early age to be extremely conservative on resource usage, a significant number of settings are calculated at startup time and enforce many limits on number of sockets, connections, streams etc, guaranteeing that any processing that was started will complete.  **Security - *Hardened by default***  Security is a very important concern when deploying a software load balancer, because it runs at the edge and takes all the dirty traffic. It is possible to harden the OS, to limit the number of open ports and accessible services, but the load balancer itself stays exposed. The unified and non-fantasist [coding style](https://www.haproxy.org/coding-style.html) aims at avoiding common traps when writing or reviewing code. Some high standards are sought when it comes to dealing with unvalidated data. Non-portable functions and those having unreliable behaviors are avoided or replaced. Input data gets sanitized very early in the lower layers. Resource usage is carefully controlled. Dangling pointers are forbidden in the code via careful release functions. These standards already help eliminate a great deal of uncertainty in the code itself.  Since zero-bug is not reasonable, the product embarks a number of defensive measures, such as chroot, privilege drops, fork prevention, strict protocol validation, checks for impossible states and detailed traces in case of violation detection, etc. All these usually result in an attempt to exploit a real bug in a failure or possibly a crash. These measures have to be purposely disabled by the user using sufficiently evocative commands so that the reason for doing so has to be regularly questioned.  **Complete Download Matrix**  Here you will find a quick access to downloadable contents by type and version. Just click on the desired format to access the content in that format.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **dev** | **3.0** | **2.9** | **2.8** | **2.7** | **2.6** | **2.5** | **2.4** | **2.3** | **2.2** | **2.1** | **2.0** | **1.9** | **1.8** | **1.7** | **1.6** | **1.5** | **1.4** | **1.3** | **1.2** | **1.1** | **1.0** | | **Git repository** | [Git](http://git.haproxy.org/git/haproxy.git) / [Web](http://git.haproxy.org/?p=haproxy.git) | [Git](http://git.haproxy.org/git/haproxy-3.0.git) / [Web](http://git.haproxy.org/?p=haproxy-3.0.git) | [Git](http://git.haproxy.org/git/haproxy-2.9.git) / [Web](http://git.haproxy.org/?p=haproxy-2.9.git) | [Git](http://git.haproxy.org/git/haproxy-2.8.git) / [Web](http://git.haproxy.org/?p=haproxy-2.8.git) | [Git](http://git.haproxy.org/git/haproxy-2.7.git) / [Web](http://git.haproxy.org/?p=haproxy-2.7.git) | [Git](http://git.haproxy.org/git/haproxy-2.6.git) / [Web](http://git.haproxy.org/?p=haproxy-2.6.git) | [Git](http://git.haproxy.org/git/haproxy-2.5.git) / [Web](http://git.haproxy.org/?p=haproxy-2.5.git) | [Git](http://git.haproxy.org/git/haproxy-2.4.git) / [Web](http://git.haproxy.org/?p=haproxy-2.4.git) | [Git](http://git.haproxy.org/git/haproxy-2.3.git) / [Web](http://git.haproxy.org/?p=haproxy-2.3.git) | [Git](http://git.haproxy.org/git/haproxy-2.2.git) / [Web](http://git.haproxy.org/?p=haproxy-2.2.git) | [Git](http://git.haproxy.org/git/haproxy-2.1.git) / [Web](http://git.haproxy.org/?p=haproxy-2.1.git) | [Git](http://git.haproxy.org/git/haproxy-2.0.git) / [Web](http://git.haproxy.org/?p=haproxy-2.0.git) | [Git](http://git.haproxy.org/git/haproxy-1.9.git) / [Web](http://git.haproxy.org/?p=haproxy-1.9.git) | [Git](http://git.haproxy.org/git/haproxy-1.8.git) / [Web](http://git.haproxy.org/?p=haproxy-1.8.git) | [Git](http://git.haproxy.org/git/haproxy-1.7.git) / [Web](http://git.haproxy.org/?p=haproxy-1.7.git) | [Git](http://git.haproxy.org/git/haproxy-1.6.git) / [Web](http://git.haproxy.org/?p=haproxy-1.6.git) | [Git](http://git.haproxy.org/git/haproxy-1.5.git) / [Web](http://git.haproxy.org/?p=haproxy-1.5.git) | [Git](http://git.haproxy.org/git/haproxy-1.4.git) / [Web](http://git.haproxy.org/?p=haproxy-1.4.git) | [Git](http://git.haproxy.org/git/haproxy-1.3.git) / [Web](http://git.haproxy.org/?p=haproxy-1.3.git) | [Git](http://git.haproxy.org/git/haproxy-1.2.git) / [Web](http://git.haproxy.org/?p=haproxy-1.2.git) | [Git](http://git.haproxy.org/git/haproxy-1.1.git) / [Web](http://git.haproxy.org/?p=haproxy-1.1.git) | [Git](http://git.haproxy.org/git/haproxy-1.0.git) / [Web](http://git.haproxy.org/?p=haproxy-1.0.git) | | **Latest snapshot** | [tar.gz](https://www.haproxy.org/download/3.1/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/3.1/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/3.0/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/3.0/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.9/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.9/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.8/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.8/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.7/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.7/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.6/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.6/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.5/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.5/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.4/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.4/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.3/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.3/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.2/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.2/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.1/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.1/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.0/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/2.0/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.9/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.9/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.8/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.8/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.7/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.7/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.6/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.6/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.5/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.5/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.4/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.4/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.3/src/snapshot/haproxy-ss-LATEST.tar.gz) / [Log](https://www.haproxy.org/download/1.3/src/snapshot/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.2/src/snapshot/haproxy-ss-LATEST.tar.gz) | [tar.gz](https://www.haproxy.org/download/1.1/src/snapshot/haproxy-ss-LATEST.tar.gz) | - | | **Latest release** | [tar.gz](https://www.haproxy.org/download/3.1/src/devel/haproxy-3.1-dev2.tar.gz) / [Log](https://www.haproxy.org/download/3.1/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/3.0/src/haproxy-3.0.2.tar.gz) / [Log](https://www.haproxy.org/download/3.0/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.9/src/haproxy-2.9.9.tar.gz) / [Log](https://www.haproxy.org/download/2.9/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.8/src/haproxy-2.8.10.tar.gz) / [Log](https://www.haproxy.org/download/2.8/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.7/src/haproxy-2.7.12.tar.gz) / [Log](https://www.haproxy.org/download/2.7/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.6/src/haproxy-2.6.18.tar.gz) / [Log](https://www.haproxy.org/download/2.6/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.5/src/haproxy-2.5.14.tar.gz) / [Log](https://www.haproxy.org/download/2.5/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.4/src/haproxy-2.4.27.tar.gz) / [Log](https://www.haproxy.org/download/2.4/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.3/src/haproxy-2.3.21.tar.gz) / [Log](https://www.haproxy.org/download/2.3/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.2/src/haproxy-2.2.33.tar.gz) / [Log](https://www.haproxy.org/download/2.2/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.1/src/haproxy-2.1.12.tar.gz) / [Log](https://www.haproxy.org/download/2.1/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/2.0/src/haproxy-2.0.35.tar.gz) / [Log](https://www.haproxy.org/download/2.0/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.9/src/haproxy-1.9.16.tar.gz) / [Log](https://www.haproxy.org/download/1.9/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.8/src/haproxy-1.8.31.tar.gz) / [Log](https://www.haproxy.org/download/1.8/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.7/src/haproxy-1.7.14.tar.gz) / [Log](https://www.haproxy.org/download/1.7/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.6/src/haproxy-1.6.16.tar.gz) / [Log](https://www.haproxy.org/download/1.6/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.5/src/haproxy-1.5.19.tar.gz) / [Log](https://www.haproxy.org/download/1.5/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.4/src/haproxy-1.4.27.tar.gz) / [Log](https://www.haproxy.org/download/1.4/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.3/src/haproxy-1.3.28.tar.gz) / [Log](https://www.haproxy.org/download/1.3/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.2/src/haproxy-1.2.18.tar.gz) / [Log](https://www.haproxy.org/download/1.2/src/CHANGELOG) | [tar.gz](https://www.haproxy.org/download/1.1/src/haproxy-1.1.34.tar.gz) / [Log](https://www.haproxy.org/download/1.1/src/CHANGELOG) | - | | **Browsable dir** | [Dir](https://www.haproxy.org/download/3.1/src/) | [Dir](https://www.haproxy.org/download/3.0/src/) | [Dir](https://www.haproxy.org/download/2.9/src/) | [Dir](https://www.haproxy.org/download/2.8/src/) | [Dir](https://www.haproxy.org/download/2.7/src/) | [Dir](https://www.haproxy.org/download/2.6/src/) | [Dir](https://www.haproxy.org/download/2.5/src/) | [Dir](https://www.haproxy.org/download/2.4/src/) | [Dir](https://www.haproxy.org/download/2.3/src/) | [Dir](https://www.haproxy.org/download/2.2/src/) | [Dir](https://www.haproxy.org/download/2.1/src/) | [Dir](https://www.haproxy.org/download/2.0/src/) | [Dir](https://www.haproxy.org/download/1.9/src/) | [Dir](https://www.haproxy.org/download/1.8/src/) | [Dir](https://www.haproxy.org/download/1.7/src/) | [Dir](https://www.haproxy.org/download/1.6/src/) | [Dir](https://www.haproxy.org/download/1.5/src/) | [Dir](https://www.haproxy.org/download/1.4/src/) | [Dir](https://www.haproxy.org/download/1.3/src/) | [Dir](https://www.haproxy.org/download/1.2/src/) | [Dir](https://www.haproxy.org/download/1.1/src/) | [Dir](https://www.haproxy.org/download/1.0/src/) | | **Known bugs** | [Web](https://github.com/haproxy/haproxy/issues) | [Web](https://www.haproxy.org/bugs/bugs-3.0.html) | [Web](https://www.haproxy.org/bugs/bugs-2.9.html) | [Web](https://www.haproxy.org/bugs/bugs-2.8.html) | [Web](https://www.haproxy.org/bugs/bugs-2.7.html) | [Web](https://www.haproxy.org/bugs/bugs-2.6.html) | [Web](https://www.haproxy.org/bugs/bugs-2.5.html) | [Web](https://www.haproxy.org/bugs/bugs-2.4.html) | [Web](https://www.haproxy.org/bugs/bugs-2.3.html) | [Web](https://www.haproxy.org/bugs/bugs-2.2.html) | [Web](https://www.haproxy.org/bugs/bugs-2.1.html) | [Web](https://www.haproxy.org/bugs/bugs-2.0.html) | [Web](https://www.haproxy.org/bugs/bugs-1.9.html) | [Web](https://www.haproxy.org/bugs/bugs-1.8.html) | [Web](https://www.haproxy.org/bugs/bugs-1.7.html) | [Web](https://www.haproxy.org/bugs/bugs-1.6.html) | [Web](https://www.haproxy.org/bugs/bugs-1.5.html) | [Web](https://www.haproxy.org/bugs/bugs-1.4.html) | [Web](https://www.haproxy.org/bugs/bugs-1.3.html) | [Web](https://www.haproxy.org/bugs/bugs-1.2.html) | [Web](https://www.haproxy.org/bugs/bugs-1.1.html) | [Web](https://www.haproxy.org/bugs/bugs-1.0.html) | | **Starter guide** | [html](http://docs.haproxy.org/dev/intro.html) / [txt](https://www.haproxy.org/download/3.1/doc/intro.txt) | [html](http://docs.haproxy.org/3.0/intro.html) / [txt](https://www.haproxy.org/download/3.0/doc/intro.txt) | [html](http://docs.haproxy.org/2.9/intro.html) / [txt](https://www.haproxy.org/download/2.9/doc/intro.txt) | [html](http://docs.haproxy.org/2.8/intro.html) / [txt](https://www.haproxy.org/download/2.8/doc/intro.txt) | [html](http://docs.haproxy.org/2.7/intro.html) / [txt](https://www.haproxy.org/download/2.7/doc/intro.txt) | [html](http://docs.haproxy.org/2.6/intro.html) / [txt](https://www.haproxy.org/download/2.6/doc/intro.txt) | [html](http://docs.haproxy.org/2.5/intro.html) / [txt](https://www.haproxy.org/download/2.5/doc/intro.txt) | [html](http://docs.haproxy.org/2.4/intro.html) / [txt](https://www.haproxy.org/download/2.4/doc/intro.txt) | [html](http://docs.haproxy.org/2.3/intro.html) / [txt](https://www.haproxy.org/download/2.3/doc/intro.txt) | [html](http://docs.haproxy.org/2.2/intro.html) / [txt](https://www.haproxy.org/download/2.2/doc/intro.txt) | [html](http://docs.haproxy.org/2.1/intro.html) / [txt](https://www.haproxy.org/download/2.1/doc/intro.txt) | [html](http://docs.haproxy.org/2.0/intro.html) / [txt](https://www.haproxy.org/download/2.0/doc/intro.txt) | [html](http://docs.haproxy.org/1.9/intro.html) / [txt](https://www.haproxy.org/download/1.9/doc/intro.txt) | [html](http://docs.haproxy.org/1.8/intro.html) / [txt](https://www.haproxy.org/download/1.8/doc/intro.txt) | [html](http://docs.haproxy.org/1.7/intro.html) / [txt](https://www.haproxy.org/download/1.7/doc/intro.txt) | [html](http://docs.haproxy.org/1.6/intro.html) / [txt](https://www.haproxy.org/download/1.6/doc/intro.txt) | - | - | - | - | - | - | | **Configuration manual** | [html](http://docs.haproxy.org/dev/configuration.html) / [txt](https://www.haproxy.org/download/3.1/doc/configuration.txt) | [html](http://docs.haproxy.org/3.0/configuration.html) / [txt](https://www.haproxy.org/download/3.0/doc/configuration.txt) | [html](http://docs.haproxy.org/2.9/configuration.html) / [txt](https://www.haproxy.org/download/2.9/doc/configuration.txt) | [html](http://docs.haproxy.org/2.8/configuration.html) / [txt](https://www.haproxy.org/download/2.8/doc/configuration.txt) | [html](http://docs.haproxy.org/2.7/configuration.html) / [txt](https://www.haproxy.org/download/2.7/doc/configuration.txt) | [html](http://docs.haproxy.org/2.6/configuration.html) / [txt](https://www.haproxy.org/download/2.6/doc/configuration.txt) | [html](http://docs.haproxy.org/2.5/configuration.html) / [txt](https://www.haproxy.org/download/2.5/doc/configuration.txt) | [html](http://docs.haproxy.org/2.4/configuration.html) / [txt](https://www.haproxy.org/download/2.4/doc/configuration.txt) | [html](http://docs.haproxy.org/2.3/configuration.html) / [txt](https://www.haproxy.org/download/2.3/doc/configuration.txt) | [html](http://docs.haproxy.org/2.2/configuration.html) / [txt](https://www.haproxy.org/download/2.2/doc/configuration.txt) | [html](http://docs.haproxy.org/2.1/configuration.html) / [txt](https://www.haproxy.org/download/2.1/doc/configuration.txt) | [html](http://docs.haproxy.org/2.0/configuration.html) / [txt](https://www.haproxy.org/download/2.0/doc/configuration.txt) | [html](http://docs.haproxy.org/1.9/configuration.html) / [txt](https://www.haproxy.org/download/1.9/doc/configuration.txt) | [html](http://docs.haproxy.org/1.8/configuration.html) / [txt](https://www.haproxy.org/download/1.8/doc/configuration.txt) | [html](http://docs.haproxy.org/1.7/configuration.html) / [txt](https://www.haproxy.org/download/1.7/doc/configuration.txt) | [html](http://docs.haproxy.org/1.6/configuration.html) / [txt](https://www.haproxy.org/download/1.6/doc/configuration.txt) | [html](http://cbonte.github.io/haproxy-dconv/1.5/configuration.html) / [txt](https://www.haproxy.org/download/1.5/doc/configuration.txt) | [html](http://cbonte.github.io/haproxy-dconv/1.4/configuration.html) / [txt](https://www.haproxy.org/download/1.4/doc/configuration.txt) | [txt](https://www.haproxy.org/download/1.3/doc/configuration.txt) | [txt](https://www.haproxy.org/download/1.2/doc/haproxy-en.txt) | [txt](https://www.haproxy.org/download/1.1/doc/haproxy-en.txt) | [txt](https://www.haproxy.org/download/1.0/doc/haproxy-en.txt) | | **Management guide** | [html](http://docs.haproxy.org/dev/management.html) / [txt](https://www.haproxy.org/download/3.1/doc/management.txt) | [html](http://docs.haproxy.org/3.0/management.html) / [txt](https://www.haproxy.org/download/3.0/doc/management.txt) | [html](http://docs.haproxy.org/2.9/management.html) / [txt](https://www.haproxy.org/download/2.9/doc/management.txt) | [html](http://docs.haproxy.org/2.8/management.html) / [txt](https://www.haproxy.org/download/2.8/doc/management.txt) | [html](http://docs.haproxy.org/2.7/management.html) / [txt](https://www.haproxy.org/download/2.7/doc/management.txt) | [html](http://docs.haproxy.org/2.6/management.html) / [txt](https://www.haproxy.org/download/2.6/doc/management.txt) | [html](http://docs.haproxy.org/2.5/management.html) / [txt](https://www.haproxy.org/download/2.5/doc/management.txt) | [html](http://docs.haproxy.org/2.4/management.html) / [txt](https://www.haproxy.org/download/2.4/doc/management.txt) | [html](http://docs.haproxy.org/2.3/management.html) / [txt](https://www.haproxy.org/download/2.3/doc/management.txt) | [html](http://docs.haproxy.org/2.2/management.html) / [txt](https://www.haproxy.org/download/2.2/doc/management.txt) | [html](http://docs.haproxy.org/2.1/management.html) / [txt](https://www.haproxy.org/download/2.1/doc/management.txt) | [html](http://docs.haproxy.org/2.0/management.html) / [txt](https://www.haproxy.org/download/2.0/doc/management.txt) | [html](http://docs.haproxy.org/1.9/management.html) / [txt](https://www.haproxy.org/download/1.9/doc/management.txt) | [html](http://docs.haproxy.org/1.8/management.html) / [txt](https://www.haproxy.org/download/1.8/doc/management.txt) | [html](http://docs.haproxy.org/1.7/management.html) / [txt](https://www.haproxy.org/download/1.7/doc/management.txt) | [html](http://docs.haproxy.org/1.6/management.html) / [txt](https://www.haproxy.org/download/1.6/doc/management.txt) | - | - | - | - | - | - | | **Lua ref. manual** | [html](http://www.arpalert.org/src/haproxy-lua-api/3.1/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/3.0/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.9/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.8/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.7/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.6/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.5/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.4/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.3/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.2/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.1/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/2.0/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/1.9/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/1.8/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/1.7/index.html) | [html](http://www.arpalert.org/src/haproxy-lua-api/1.6/index.html) | - | - | - | - | - | - | | **Lua arch. guide** | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/3.1/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/3.0/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.9/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.8/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.7/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.6/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.5/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.4/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.3/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.2/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.1/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/2.0/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/1.9/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/1.8/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/1.7/doc/lua.txt) | [html](http://www.arpalert.org/haproxy-lua.html) / [txt](https://www.haproxy.org/download/1.6/doc/lua.txt) |  |  |  |  |  |  | | **Browsable doc** | [Dir](https://www.haproxy.org/download/3.1/doc/) | [Dir](https://www.haproxy.org/download/3.0/doc/) | [Dir](https://www.haproxy.org/download/2.9/doc/) | [Dir](https://www.haproxy.org/download/2.8/doc/) | [Dir](https://www.haproxy.org/download/2.7/doc/) | [Dir](https://www.haproxy.org/download/2.6/doc/) | [Dir](https://www.haproxy.org/download/2.5/doc/) | [Dir](https://www.haproxy.org/download/2.4/doc/) | [Dir](https://www.haproxy.org/download/2.3/doc/) | [Dir](https://www.haproxy.org/download/2.2/doc/) | [Dir](https://www.haproxy.org/download/2.1/doc/) | [Dir](https://www.haproxy.org/download/2.0/doc/) | [Dir](https://www.haproxy.org/download/1.9/doc/) | [Dir](https://www.haproxy.org/download/1.8/doc/) | [Dir](https://www.haproxy.org/download/1.7/doc/) | [Dir](https://www.haproxy.org/download/1.6/doc/) | [Dir](https://www.haproxy.org/download/1.5/doc/) | [Dir](https://www.haproxy.org/download/1.4/doc/) | [Dir](https://www.haproxy.org/download/1.3/doc/) | [Dir](https://www.haproxy.org/download/1.2/doc/) | [Dir](https://www.haproxy.org/download/1.1/doc/) | [Dir](https://www.haproxy.org/download/1.0/doc/) |   Please note that official docs are the pure-text ones and directly come from the project, except for the Lua reference manual that is maintained by Thierry Fournier. The [HTML versions](http://docs.haproxy.org/) are direct translations from the text version automatically performed by Cyril Bonté's excellent documentation converter, [dconv](https://github.com/cbonte/haproxy-dconv/). A [TeX-oriented](https://github.com/langpavel/haproxy-doc) variant able to produce PDFs was also created by Pavel Lang for versions 1.4 and 1.5 but it is not maintained anymore.  **Commercial Support and availability**  If you think you don't have the time and skills to setup and maintain a free load balancer, or if you're seeking for commercial support to satisfy your customers or your boss, you have the following options :   1. contact [HAProxy Technologies](https://www.haproxy.com/services/haproxy-professional-services/) to hire some professional services or subscribe a support contract ; 2. install [HAProxy Enterprise Edition (HAPEE)](https://www.haproxy.com/products/haproxy-enterprise-edition/), which is a long-term maintained HAProxy package accompanied by a well-polished collection of software, scripts, configuration files and documentation which significantly simplifies the setup and maintenance of a completely operational solution ; it is particularly suited to **Cloud environments** where deployments must be fast. 3. try an [ALOHA appliance](https://www.haproxy.com/products/main-features-of-aloha-load-balancers/) (hardware or virtual), which will even save you from having to worry about the system, hardware and from managing a Unix-like system.   I also find it important to credit [**Loadbalancer.org**](http://www.loadbalancer.org/). I am not affiliated with them at all but like us, they have contributed a fair amount of time and money to the project to add new features and they help users on the mailing list, so I have some respect for what they do. They're a UK-based company and their load balancer also employs HAProxy, though it is somewhat different from the ALOHA.  **Contacts**  Feel free to contact us for any questions or comments :   * mailing-list : [haproxy@formilux.org](mailto:haproxy@formilux.org) Read the list [archives on mail-archive](https://www.mail-archive.com/haproxy@formilux.org/) Read the list [pre-2009 archives on Marc.info](http://marc.info/?l=haproxy&r=1)  Subscribe to the list : [haproxy+subscribe@formilux.org](mailto:haproxy+subscribe@formilux.org) Unsubscribe from the list : [haproxy+unsubscribe@formilux.org](mailto:haproxy+unsubscribe@formilux.org) * HAProxy site in HTTPS (needed for HTTP/3 and HTTP/2) : <https://www.haproxy.org/> * Willy' main site : <http://1wt.eu/> * e-mail : [w@1wt.eu](mailto:w@1wt.eu)   Some people regularly ask if it is possible to send donations, so I have set up a Paypal account for this. [**Click here**](https://www.paypal.com/cgi-bin/webscr?cmd=_donations&business=willy%40nerim%2enet&lc=FR&item_name=Willy%20Tarreau&currency_code=EUR&bn=PP%2dDonationsBF%3abtn_donate_SM%2egif%3aNonHosted) if you want to donate.  An IRC channel for HAProxy has been opened on Libera.Chat:  <irc://irc.libera.chat/%23haproxy>  A Slack Workspace for HAProxy exists as well:  <https://slack.haproxy.org/> |  |