

HAProxy Cheatsheet

Connection

haproxy -f /path/to/haproxy.cfg

Start HAProxy with a specific configuration file

haproxy -c -f /path/to/haproxy.cfg

Check the configuration file for errors without starting

socat stdio unix:/var/run/haproxy.sock

Connect to HAProxy's runtime socket

Status and Stats

echo 'show info' | socat stdio unix:/var/run/haproxy.sock

Display HAProxy instance information

echo 'show stat' | socat stdio unix:/var/run/haproxy.sock

Display statistics for all proxies

echo 'show stat -1 4 -1' | socat stdio unix:/var/run/haproxy.sock

Show stats in CSV format (field 4 is status)

curl http://localhost:8404/stats

Access the stats page (if stats page is enabled)

Server Management

echo 'disable server backend_name/server_name' | socat stdio unix:/var/run/haproxy.sock

Disable a server

echo 'enable server backend_name/server_name' | socat stdio unix:/var/run/haproxy.sock

Enable a server

echo 'set server backend_name/server_name weight 10' | socat stdio unix:/var/run/haproxy.sock

Change server weight

echo 'set server backend_name/server_name state ready' | socat stdio unix:/var/run/haproxy.sock

Force server state

Backend Management

echo 'show backends' | socat stdio unix:/var/run/haproxy.sock

List all backends

echo 'set maxconn server backend_name/server_name 100' | socat stdio unix:/var/run/haproxy.sock

Set max connections

echo 'show servers state backend_name' | socat stdio unix:/var/run/haproxy.sock

Show server states in backend

Sessions & Connections

echo 'show sess' | socat stdio unix:/var/run/haproxy.sock

List current sessions

echo 'show conn' | socat stdio unix:/var/run/haproxy.sock

List connections

echo 'shutdown session id' | socat stdio unix:/var/run/haproxy.sock

Terminate a specific session

Health Checks

echo 'disable health backend_name/server_name' | socat stdio unix:/var/run/haproxy.sock

Disable health checks for a server

echo 'enable health backend_name/server_name' | socat stdio unix:/var/run/haproxy.sock

Enable health checks for a server

Runtime Operations

echo 'reload' | socat stdio unix:/var/run/haproxy.sock

Reload HAProxy configuration (if master-worker mode is enabled)

echo 'clear counters' | socat stdio unix:/var/run/haproxy.sock

Clear max connection counters

systemctl reload haproxy

Reload HAProxy service (using systemd)

service haproxy reload

Reload HAProxy service (using SysV init)