

HAProxy Simple Configuration for local webserver

Parameters for this setup

Local webserver is on ip address 192.168.1.200 and uses port 80

Step 1: Define a Real server

- Name: **anything** you like to recognize the webserver
- IP address: The IP address of the internal webserver e.g. **192.168.1.200**
- Port: **80**
- SSL: **disable**

Edit Backend Pool



advanced mode

full help

Enabled ☒

Name

Description

Mode

Balancing Algorithm

Servers
 Clear All Copy Paste Text

FastCGI Application

Resolver Options
 Clear All Copy Paste Text

Enable Health Checking ☒

Health Checking

Health Monitor

Log Status Changes ☐

E-Mail Alert

HTTP(S) settings

Enable HTTP/2 ☒

HTTP/2 without TLS ☐

Advertise Protocols (ALPN)
 Clear All Copy Paste Text

Forwarded header (RFC7239) ☐

Forwarded header parameters
 Clear All Copy Paste Text

Cancel

Save

Edit Backend Pool

? X-Forwarded-For header
☐

Persistence

? Persistence type
Stick-table persistence [default]

Stick-table persistence

? Table type
Source-IP [default]

? Stored data types
Nothing selected

✖ Clear All
✔ Select All

? Cookie name

? Cookie length

Basic Authentication

? Enable
☐

? Allowed Users
Type username or choose from list.

✖ Clear All
✔ Select All

? Allowed Groups
Type group or choose from list.

✖ Clear All
✔ Select All

Tuning Options

? Retries

Rules

? Select Rules

✖ Clear All
📄 Copy
📄 Paste
📄 Text

Error Messages

? Select Error Messages
Choose error messages.

✖ Clear All
✔ Select All

Cancel
Save

Step 2: Define a condition:

- Name: **anything** you like
- Condition: **Host contains** or you can use any other condition to match like **Host matches** and use the full url.
- Host string = **Anything to recognize the URL** or the full url in case of host matches.

Edit Condition ✕

[full help](#)

Name

Description

▼ **Condition**

Condition type

Negate condition ☐

Case-sensitive ☐

▼ **Parameters**

Host Contains

Step 3: Define a rule

- Name: **anything** you like
- Select Conditions: **Select the webserver** from the dropdown menu
- Under HAProxy function > Execute function: **Use specified Backend Pool**
- Use backend pool: **Select the backend Pool** from the drop down menu

The screenshot shows the 'Edit Rule' dialog box with the following fields and values:

- Name:** ffuitleggen
- Description:** (empty)
- Optional condition:**
 - Test type:** IF [default]
 - Select conditions:** ffuitleggen (with links for Clear All and Select All)
 - Logical operator for conditions:** AND [default]
- HAProxy function:**
 - Execute function:** Use specified Backend Pool
- Parameters:**
 - Use backend pool:** ffuitleggen

Buttons at the bottom right: Cancel, Save.

Step 4: Define a Virtual Service

Under Public Service:

- Name: **anything** you like
- Listen addresses: **0.0.0.0:443** (TAB)
- Enable SSL offloading: **Checked**
- Default backend pool: **Select from dropdown menu** (TAB)
- Certificate: **your Let's Encrypt certificate**
- Under Advanced settings:
 - Select rules: **The rule you made earlier**

Edit Public Service



advanced mode

full help

Enabled ☒

Name

Description

Listen Addresses

Clear All Copy Paste Text

Type

Default Backend Pool

Enable SSL offloading ☒

SSL Offloading

Certificates

Clear All Copy Paste Text

Default certificate

Enable Advanced settings ☐

Client Certificate Auth

Enable ☐

Verification

Certificate Authorities

Clear All Select All

Certificate Revocation Lists

Clear All Select All

HTTP(S) settings

Enable HTTP/2 ☒

HTTP/2 without TLS ☐

Cancel

Save

Edit Public Service

ⓘ

Advertise Protocols (ALPN)

HTTP/2

HTTP/1.1

✖ Clear All

📄 Copy

📄 Paste

📄 Text

ⓘ

X-Forwarded-For (DEPRECATED)

☐

⌵

Basic Authentication

ⓘ

Enable

☐

ⓘ

Allowed Users

Type username or choose from list.

▼

✖ Clear All

✔ Select All

ⓘ

Allowed Groups

Type group or choose from list.

▼

✖ Clear All

✔ Select All

⌵

Tuning Options

ⓘ

Maximum Connections

⌵

Logging Options

ⓘ

Detailed Logging

☐

⌵

Stickiness table

ⓘ

Table type

None

▼

ⓘ

Stored data types

Nothing selected

▼

✖ Clear All

✔ Select All

⌵

Advanced settings

⌵

Rules

ⓘ

Select Rules

ffuitleggen

✖

✖ Clear All

📄 Copy

📄 Paste

📄 Text

⌵

Error Messages

ⓘ

Select Error Messages

Choose error messages.

▼

Cancel

Save

Revisie #5

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