

HA-Proxy on RouterOS7

prerequisites

you need:

[an external disk on the USB port](#)

[the containers plugin on RouterOS7](#)

network connections

There are several ways to connect the HA-Proxy container to the network, here we chose to give it its own IP.

follow the instructions to create a [virtual network interface](#) with IP and connection to the desired VLAN.

Persistent volumes location

For the persistent volume of the container we create a directory

```
/file  
add type=directory name=/usb1/persistent-volumes/haproxy/config-dir
```

configuration file

Start by creating the config file on your workstation, vi haproxy.cfg, add the following content for a test to the website at 10.100.10.103

```
global  
    daemon  
    maxconn 256  
  
defaults  
    mode http  
    timeout connect 5s  
    timeout client 50s  
    timeout server 50s  
  
frontend http_in  
    bind *:80  
    default_backend web_servers  
  
backend web_servers
```

```
balance roundrobin
server srv1 10.100.10.103:80 check
```

upload this config file to the preveously crated location.

```
scp haproxy.cfg styx:/usb1/persistent-volumes/haproxy/config-dir
```

set container mount

Now set the volume with the config file as a persistent volume mount in the container:

```
/container/mounts
add name=HAPROXY_CONF dst=/usr/local/etc/haproxy src=/usb1/persistent-
volumes/haproxy/config-dir
```

deploy the container

```
/container/add remote-image=haproxy:latest interface=veth-haproxy root-
dir=/usb1/persistent-volumes/haproxy/root-dir mounts=HAPROXY_CONF
name=haproxy
/container/start haproxy
```

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