



HAPROXY NGINX

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IP des machines :

HAProxy : 10.5.20.52

NGINX 1 : 10.5.20.66

NGINX 2 : 10.5.20.67

NGINX 3 : 10.5.20.68

NGINX LB : 10.5.20.71

Client : 10.5.20.78

Conf Haproxy :

```
#-----  
# Example configuration for a possible web application. See the  
# full configuration options online.  
#  
# http://haproxy.1wt.eu/download/1.5/doc/configuration.txt  
#  
#-----  
  
#-----  
# Global settings  
#-----  
global  
  
# to have these messages end up in /var/log/haproxy.log you will  
# need to:  
#  
# 1) configure syslog to accept network log events. This is done  
# by adding the '-r' option to the SYSLOGD_OPTIONS in
```

```
# /etc/sysconfig/syslog

#

# 2) configure local2 events to go to the /var/log/haproxy.log
# file. A line like the following can be added to
# /etc/sysconfig/syslog
#
# local2.*          /var/log/haproxy.log
#
log    127.0.0.1 local2
```

```
chroot    /var/lib/haproxy
pidfile   /var/run/haproxy.pid
maxconn   4000
user      haproxy
group     haproxy
daemon
```

```
# turn on stats unix socket

stats socket /var/lib/haproxy/stats
```

```
#-----
# common defaults that all the 'listen' and 'backend' sections will
# use if not designated in their block
#-----

defaults

    mode            http

    log             global

    option          httplog
```

```
option          dontlognull
option http-server-close
option forwardfor    except 127.0.0.0/8
option          redispatch
retries          3
timeout http-request 10s
timeout queue      1m
timeout connect    10s
timeout client     1m
timeout server     1m
timeout http-keep-alive 10s
timeout check      10s
maxconn          3000
```

```
#-----
```

```
# main frontend which proxys to the backends
```

```
#-----
```

```
frontend main
```

```
bind *:80
```

```
acl url_static path_beg -i /static /images /javascript /stylesheets
```

```
acl url_static path_end -i .jpg .gif .png .css .js
```

```
use_backend static if url_static
```

```
default_backend app
```

```
#-----
```

```
# static backend for serving up images, stylesheets and such
```

```
#-----
```

```
backend static
```

```
    balance roundrobin
```

```
    server static 127.0.0.1:4331 check
```

```
#-----
```

```
# round robin balancing between the various backends
```

```
#-----
```

```
backend app
```

```
    balance roundrobin
```

```
    server web_instance_1 10.20.5.66:80 check
```

```
    server web_instance_2 10.20.5.71:80 check
```

Conf NGINX LB :

```
# /etc/nginx/nginx.conf
```

```
user nginx;
```

```
# Set number of worker processes automatically based on number of CPU cores.
```

```
worker_processes auto;
```

```
# Enables the use of JIT for regular expressions to speed-up their processing.
```

```
pcre_jit on;
```

```
# Configures default error logger.
```

```
error_log /var/log/nginx/error.log warn;
```

```
# Includes files with directives to load dynamic modules.
```

```
include /etc/nginx/modules/*.conf;
```

```
# Uncomment to include files with config snippets into the root context.
```

```
# NOTE: This will be enabled by default in Alpine 3.15.
```

```
#include /etc/nginx/conf.d/*.conf;
```

```
events {
```

```
    # The maximum number of simultaneous connections that can be opened by
```

```
    # a worker process.
```

```
    worker_connections 1024;
```

```
}
```

```
http {
```

```
    upstream loadbalancedservers {
```

```
        server 10.20.5.67;
```

```
        server 10.20.5.68;
```

```
    }
```

```
    server {
```

```
        listen 80;
```

```
        location / {
```

```
            proxy_pass http://loadbalancedservers;
```

```
        }
```

```
    }
```

```
}
```

TIP: Uncomment if you use stream module.

#include /etc/nginx/stream.conf;

Resultfile.txt

X

X

X

X

X

X

X

X

X

X

X

X

X

X

Resultlogs.txt :

89a4289e0a095ad3115ced5099037344dad3fc9d871e51bc0da2512a86ef3b11
/root/.check.sh

RESPONSE RESULT TEDE_SACHA 1

RESPONSE EXPECTED TEDE_SACHA 1

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 2

RESPONSE EXPECTED TEDE_SACHA 2

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 1

RESPONSE EXPECTED TEDE_SACHA 1

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 3

RESPONSE EXPECTED TEDE_SACHA 3

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 2

RESPONSE EXPECTED TEDE_SACHA 2

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 3

RESPONSE EXPECTED TEDE_SACHA 3

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 2

RESPONSE EXPECTED TEDE_SACHA 2

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 3

RESPONSE EXPECTED TEDE_SACHA 3

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 1

RESPONSE EXPECTED TEDE_SACHA 1

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 1

RESPONSE EXPECTED TEDE_SACHA 1

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 2

RESPONSE EXPECTED TEDE_SACHA 2

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 2

RESPONSE EXPECTED TEDE_SACHA 2

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 3

RESPONSE EXPECTED TEDE_SACHA 3

RESULT SUCCESS

RESPONSE RESULT TEDE_SACHA 3

RESPONSE EXPECTED TEDE_SACHA 3

RESULT SUCCESS

SUCCESS 14

FAILURE 0

SUM 14

PERCENT 100