

```
http {
    upstream backend {
        server app1:80;
        server app2:80;
    }

    server {
        listen 80;

        location / {
            proxy_pass http://backend;
        }
    }
}
```

- nginx.conf 1/18 5%

```
#####  
# WARNING!!!! #  
# This is a sandbox environment. Using personal credentials #  
# is HIGHLY! discouraged. Any consequences of doing so are #  
# completely the user's responsibilities. #  
# The PWD team. #  
#####  
[node1] (local) root@192.168.0.34 ~  
$ nano nginx.conf  
bash: nano: command not found  
[node1] (local) root@192.168.0.34 ~  
$ sudo su  
~ # nano nginx.conf  
sh: nano: not found  
~ # vi nginx.conf  
~ # vi nginx.conf  
~ #
```



```
#####  
#                                     WARNING!!!!  
# This is a sandbox environment. Using personal credentials  
# is HIGHLY! discouraged. Any consequences of doing so are  
# completely the user's responsibilities.  
#  
# The PWD team.  
#####
```

```
#####
[node1] (local) root@192.168.0.34 ~
$ nano nginx.conf
bash: nano: command not found
[node1] (local) root@192.168.0.34 ~
$ sudo su
~ # nano nginx.conf
sh: nano: not found
~ # vi nginx.conf
~ # vi nginx.conf
~ # docker-compose up -d
no configuration file provided: not found
~ # pwd
/root
~ # ls
nginx.conf
~ # vi docker-compose.yml
~ # mkdir app1 app2
~ # echo "<h1>Servidor APP 1</h1>" > app1/index.html
~ # echo "<h1>Servidor APP 2</h1>" > app2/index.html
~ # vi nginx.conf
~ # ls
app1          app2          docker-compose.yml  ngi
~ #
```

```
nginx.conf
~ # vi docker-compose.yml
~ # mkdir app1 app2
~ # echo "<h1>Servidor APP 1</h1>" > app1/index.html
~ # echo "<h1>Servidor APP 2</h1>" > app2/index.html
~ # vi nginx.conf
~ # ls
app1          app2          docker-compose.yml  nginx.conf
~ # docker-compose up -d
WARN[0000] /root/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion
[+] Running 5/18
[+] Running 18/18] Pulling
✓ nginx Pulled
✓ 1733a4cd5954 Pull complete
✓ 5b219a92f92a Pull complete
✓ ee3a09d2248a Pull complete
✓ 7382b41547b8 Pull complete
✓ 9ee60c6c0558 Pull complete
✓ 114e699da838 Pull complete
✓ 5b5fa0b64d74 Pull complete
✓ app1 Pulled
✓ app2 Pulled
✓ 014e56e61396 Pull complete
✓ dfad290a5c25 Pull complete
✓ 5d2cc344426d Pull complete
✓ abdece946203 Pull complete
✓ 51c30493937c Pull complete
✓ ad5b65da02cf Pull complete
✓ fc13532503d7 Pull complete
✓ 136bc6976c20 Pull complete
[+] Running 4/4
✓ Network root_default Created
✓ Container app1 Started
✓ Container app2 Started
✓ Container proxy_nginx Started
~ #
```



```
✓ 5d2cc344426d Pull complete
✓ abdece946203 Pull complete
✓ 51c30493937c Pull complete
✓ ad5b65da02cf Pull complete
✓ fc13532503d7 Pull complete
✓ 136bc6976c20 Pull complete
[+] Running 4/4
✓ Network root_default Created
✓ Container app1 Started
✓ Container app2 Started
✓ Container proxy_nginx Started
~ #
~ # docker exec -it app1 cat /usr/share/nginx/html/index.html
<h1>Servidor APP 1</h1>
~ # docker exec -it app2 cat /usr/share/nginx/html/index.html
<h1>Servidor APP 2</h1>
~ #
```



POSIT


```
~ # docker exec -it proxy_nginx nginx -t
Error response from daemon: container 8196449bb3032312b82cbf5f76e06ecf143c1b94677ed0a8ec2e5fd541fee3cc is not running
~ # ^C
```

```
~ # docker logs proxy_nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/12/16 23:39:39 [emerg] 1#1: unknown directive "httpstream" in /etc/nginx/nginx.conf:3
nginx: [emerg] unknown directive "httpstream" in /etc/nginx/nginx.conf:3
```

```
~ # docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8196449bb303	nginx:latest	"/docker-entrypoint...."	8 minutes ago	Exited (1) 8 minutes ago		proxy_nginx
b97e36bala27	nginx:alpine	"/docker-entrypoint...."	8 minutes ago	Up 8 minutes	80/tcp	app1
65a06be29a2f	nginx:alpine	"/docker-entrypoint...."	8 minutes ago	Up 8 minutes	80/tcp	app2

```
~ # █
```

```

/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/12/16 23:39:39 [emerg] 1#1: unknown directive "httpstream" in /etc/nginx/nginx.conf:3
nginx: [emerg] unknown directive "httpstream" in /etc/nginx/nginx.conf:3
~ # docker ps -a

```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8196449bb303	nginx:latest	"/docker-entrypoint...."	8 minutes ago	Exited (1) 8 minutes ago		proxy_nginx
b97e36bala27	nginx:alpine	"/docker-entrypoint...."	8 minutes ago	Up 8 minutes	80/tcp	app1
65a06be29a2f	nginx:alpine	"/docker-entrypoint...."	8 minutes ago	Up 8 minutes	80/tcp	app2

```

~ # command: ["nginx", "-g", "daemon off;"]
sh: command:: not found
~ # docker exec -it proxy_nginx /bin/sh
Error response from daemon: container 8196449bb3032312b82cbf5f76e06ecf143c1b94677ed0a8ec2e5fd541fee3cc is not running
~ # docker ps -a

```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
8196449bb303	nginx:latest	"/docker-entrypoint...."	12 minutes ago	Exited (1) 12 minutes ago		proxy_nginx
b97e36bala27	nginx:alpine	"/docker-entrypoint...."	12 minutes ago	Up 12 minutes	80/tcp	app1
65a06be29a2f	nginx:alpine	"/docker-entrypoint...."	12 minutes ago	Up 12 minutes	80/tcp	app2

```

~ # docker logs proxy_nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/12/16 23:39:39 [emerg] 1#1: unknown directive "httpstream" in /etc/nginx/nginx.conf:3
nginx: [emerg] unknown directive "httpstream" in /etc/nginx/nginx.conf:3
~ # 2

```



```

~ # docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
8196449bb303   nginx:latest   "/docker-entrypoint...." 12 minutes ago Exited (1) 12 minutes ago          proxy/nginx
b97e36bala27   nginx:alpine   "/docker-entrypoint...." 12 minutes ago Up 12 minutes 80/tcp      app1
65a06be29a2f   nginx:alpine   "/docker-entrypoint...." 12 minutes ago Up 12 minutes 80/tcp      app2

```

```

~ # docker logs proxy/nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/12/16 23:39:39 [emerg] 1#1: unknown directive "httpstream" in /etc/nginx/nginx.conf:3
nginx: [emerg] unknown directive "httpstream" in /etc/nginx/nginx.conf:3

```

```

~ # 2 docker exec -it proxy/nginx /bin/sh

```

```

sh: 2: not found

```

```

~ # docker exec -it proxy/nginx /bin/sh

```

```

Error response from daemon: container 8196449bb3032312b82cbf5f76e06ecf143c1b94677ed0a8ec2e5fd541fee3cc is not running

```

```

~ # docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS        NAMES
8196449bb303   nginx:latest   "/docker-entrypoint...." 15 minutes ago Exited (1) 15 minutes ago          proxy/nginx
b97e36bala27   nginx:alpine   "/docker-entrypoint...." 15 minutes ago Up 15 minutes 80/tcp      app1
65a06be29a2f   nginx:alpine   "/docker-entrypoint...." 15 minutes ago Up 15 minutes 80/tcp      app2

```

```

~ # docker logs proxy/nginx
/docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up

```




Play with Docker | Docker



Nova guia

labs.play-with-docker.com diz

What port would you like to open?

OK

Cancelar