



# Criando Pingadores

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# Criando pingadores

- Criando network
- Criando imagem



```
Desktop/docker/criando-pingadores on 🐧 v28.5.0 ...  
→ docker network create ping-ubuntu-network  
3d109f2c468b77c579bc59bcb64226df18faa49671d60cd04e746d0a43335d56
```

```
Desktop/docker/criando-pingadores on 🐧 v28.5.0 ...  
→ sudo docker build -t ubuntu-pingador -f dockerfile_networks .  
[+] Building 17.5s (7/7) FINISHED  
=> [internal] load build definition from dockerfile_networks  
=> => transferring dockerfile: 139B  
=> [internal] load metadata for docker.io/library/ubuntu:latest  
=> [internal] load .dockerignore  
=> => transferring context: 2B  
=> [1/3] FROM docker.io/library/ubuntu:latest@sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b  
=> => resolve docker.io/library/ubuntu:latest@sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b  
=> => sha256:66460d557b25769b102175144d538d88219c077c678a49af4afca6fbfc1b5252 6.69kB / 6.69kB  
=> => sha256:d22e4fb389065efa4a61bb36416768698ef6d955fe8a7e0cdb3cd6de80fa7eec 424B / 424B  
=> => sha256:97bed23a34971024aa8d254abbe67b7168772340d1f494034773bc464e8dd5b6 2.30kB / 2.30kB  
=> [2/3] RUN apt-get update  
=> [3/3] RUN apt-get install -y iputils-ping
```

# Criando pingadores


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- Criando primeiro container (pingador1)
- Criando segundo container (pingador2)

```
Desktop/docker/criando-pingadores on  v28.5.0 took 17.7s ...  
→ docker run -d --name pingador1 --network ping-ubuntu-network ubuntu-pingador  
07723871438e621dae846f5f921e86138267abb25bcbe7668988a867631ccad8  
  
Desktop/docker/criando-pingadores on  v28.5.0 ...  
→ docker run -d --name pingador2 --network ping-ubuntu-network ubuntu-pingador  
6f5f649aa0baeac67df56e01cc4ab2137bc254ddc44376edcea627f10f715cc4
```

# Criando pingadores

- Teste de comunicação
- Pingador 1

Desktop/docker/criando-pingadores on  v28.5.0 ...

```
→ docker exec -it pingador1 bash
```

```
root@07723871438e:/# ping pingador2
```

```
PING pingador2 (172.18.0.3) 56(84) bytes of data.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=1 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=2 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=3 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=4 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=5 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=6 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=7 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=8 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=9 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=10 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=11 ttl=64 time=0.
```

```
64 bytes from pingador2.ping-ubuntu-network (172.18.0.3): icmp_seq=12 ttl=64 time=0.
```

```
^C
```

```
--- pingador2 ping statistics ---
```

```
12 packets transmitted, 12 received, 0% packet loss, time 11270ms
```

```
rtt min/avg/max/mdev = 0.067/0.079/0.119/0.013 ms
```

```
root@07723871438e:/# exit
```

```
exit
```

# Criando pingadores


- Teste de comunicação
- Pingador 2

```
Desktop/docker/criando-pingadores on 🐳 v28.5.0 took 21.8s ...  
→ docker exec -it pingador2 bash  
root@6f5f649aa0ba:/# ping pingador1  
PING pingador1 (172.18.0.2) 56(84) bytes of data.  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=1 ttl=64  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=2 ttl=64  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=3 ttl=64  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=4 ttl=64  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=5 ttl=64  
64 bytes from pingador1.ping-ubuntu-network (172.18.0.2): icmp_seq=6 ttl=64  
^C  
--- pingador1 ping statistics ---  
6 packets transmitted, 6 received, 0% packet loss, time 5141ms  
rtt min/avg/max/mdev = 0.065/0.080/0.090/0.008 ms  
root@6f5f649aa0ba:/# exit  
exit
```




# Criando pingadores

- Outros comandos

Desktop/docker/criando-pingadores on  v28.5.0 took 14.5s ...


→ docker ps

CONTAINER ID	IMAGE	COMMAND	CREATED
6f5f649aa0ba	ubuntu-pingador	"sleep 1d"	About a minute ago
07723871438e	ubuntu-pingador	"sleep 1d"	About a minute ago
5c1deea3bb7e	mongo:latest	"docker-entrypoint.s..."	12 hours ago

Desktop/docker/criando-pingadores on  v28.5.0 ...

→ docker network ls

NETWORK ID	NAME	DRIVER	SCOPE
5f243452fae1	bridge	bridge	local
c1c3ed721c8d	host	host	local
ef9a20b55b0c	none	null	local
3d109f2c468b	ping-ubuntu-network	bridge	local
90a9b196c848	traefik-network	bridge	local

Desktop/docker/criando-pingadores on  v28.5.0

# Criando pingadores

- Outros comandos


Desktop/docker/criando-pingadores on v28.5.0 ...

→ docker network inspect ping-ubuntu-network

```
[
  {
    "Name": "ping-ubuntu-network",
    "Id": "3d109f2c468b77c579bc59bcb64226df18faa49671d60cd04e746d0a43335d",
    "Created": "2025-10-13T23:11:13.84865275-05:00",
    "Scope": "local",
    "Driver": "bridge",
    "EnableIPv4": true,
    "EnableIPv6": false,
    "IPAM": {
      "Driver": "default",
      "Options": {},
      "Config": [
        {
          "Subnet": "172.18.0.0/16",
          "Gateway": "172.18.0.1"
        }
      ]
    }
  }
],
```

# Criando pingadores


- Outros comandos

Desktop/docker/criando-pingadores on  v28.5.0 ...

→ `docker stop pingador1 pingador2`

pingador1


pingador2

Desktop/docker/criando-pingadores on  v28.5.0 took 10.2s ...

→ `docker rm pingador1 pingador2`


pingador1

pingador2

Desktop/docker/criando-pingadores on  v28.5.0 ...

→ `docker network rm ping-ubuntu-network`

ping-ubuntu-network

Desktop/docker/criando-pingadores on  v28.5.0 ...

→ `docker rmi ubuntu-pingador`

Untagged: ubuntu-pingador:latest

Deleted: sha256:b0dcf22df80460beed62b0ee691ded9480d570ec26fbc8265f6b01c0c5630e85