

Clase 38

Item 1

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ curl http://34.172.50.164
<h1>Servidor Web: servidor1</h1>
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ curl http://35.232.138.70
<h1>Servidor Web: servidor2</h1>
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ curl http://136.112.157.95
<h1>Servidor Web: servidor3</h1>
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ █
```

Item 2

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ while true; do curl -m1 35.224.19.200; done
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
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<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor1</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
```

Item 3

Servidor 1 suspendido

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ while true; do curl -m1 35.224.19.200; done
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
curl: (28) Connection timed out after 1001 milliseconds
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
curl: (28) Connection timed out after 1001 milliseconds
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor2</h1>
```

Servidor 1 reanudado

```
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor3</h1>
<h1>Servidor Web: servidor2</h1>
<h1>Servidor Web: servidor3</h1>
```

Explicación: Al detener la instancia, el balanceador deja de enviarle tráfico porque el *health check* la marca como no saludable. El tráfico se reparte solo entre las instancias que siguen activas. Cuando la instancia se inicia de nuevo y pasa el *health check*, el balanceador vuelve a incluirla y otra vez ves respuestas de los tres servidores.

Item 4

Borrar la forwarding rule (regla-www)

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute forwarding-rules list --regions=us-central1
NAME: regla-www
REGION: us-central1
IP_ADDRESS: 35.224.19.200
IP_PROTOCOL: TCP
TARGET: us-central1/targetPools/www-pool
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute forwarding-rules delete regla-www \
--region=us-central1
The following forwarding rules will be deleted:
- [regla-www] in [us-central1]

Do you want to continue (Y/n)? y
Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/regions/us-central1/forwardingRules/regla-www].
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$
```

Borrar el target pool (www-pool)

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute target-pools list --regions=us-central1
NAME: www-pool
REGION: us-central1
SESSION_AFFINITY: NONE
BACKUP:
HEALTH_CHECKS: check-basico
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute target-pools delete www-pool \
--region=us-central1
The following target pools will be deleted:
- [www-pool] in [us-central1]

Do you want to continue (Y/n)? y

Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/regions/us-central1/targetPools/www-pool].
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$
```

Borrar el HTTP health check (check-basico)

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute http-health-checks list
NAME: check-basico
HOST:
PORT: 80
REQUEST_PATH: /
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute http-health-checks delete check-basico
The following http health checks will be deleted:
- [check-basico]

Do you want to continue (Y/n)? y

Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/global/httpHealthChecks/check-basico].
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$
```

Borrar la IP estática (red-prueba-balanceo-carga)

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute addresses list --regions=us-central1
NAME: red-prueba-balanceo-carga
ADDRESS/RANGE: 35.224.19.200
TYPE: EXTERNAL
PURPOSE:
NETWORK:
REGION: us-central1
SUBNET:
STATUS: RESERVED
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute addresses delete red-prueba-balanceo-carga \
--region=us-central1
The following addresses will be deleted:
- [red-prueba-balanceo-carga] in [us-central1]

Do you want to continue (Y/n)? y

Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/regions/us-central1/addresses/red-prueba-balanceo-carga]
.
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$
```

Borrar la regla de firewall (www-firewall-red-bc)

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute firewall-rules delete www-firewall-red-bc
The following firewalls will be deleted:
- [www-firewall-red-bc]

Do you want to continue (Y/n)? y

Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/global/firewalls/www-firewall-red-bc].
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$
```

Borrar las instancias servidor1, servidor2, servidor3

```
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ gcloud compute instances delete servidor1 servidor2 servidor3 \
--zone=us-central1-a
The following instances will be deleted. Any attached disks configured to be auto-deleted will be deleted unless they are attached to
any other instances or the `--keep-disks` flag is given and specifies them for keeping. Deleting a disk is irreversible and any data on
the disk will be lost.
- [servidor1] in [us-central1-a]
- [servidor2] in [us-central1-a]
- [servidor3] in [us-central1-a]

Do you want to continue (Y/n)? y

Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/zones/us-central1-a/instances/servidor1].
Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/zones/us-central1-a/instances/servidor2].
Deleted [https://www.googleapis.com/compute/v1/projects/ordinal-brace-475119-t5/zones/us-central1-a/instances/servidor3].
contla_mota_luisandres@cloudshell:~ (ordinal-brace-475119-t5)$ █
```