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Edge Capacity Expansion
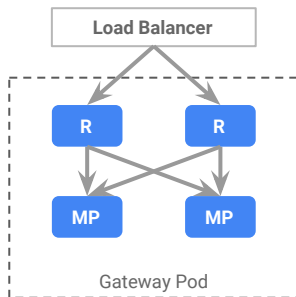Add and remove Router

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Agenda

- Add Router
- Remove Router

Add Router

Initial state has a load balancer delivering traffic to two routers.
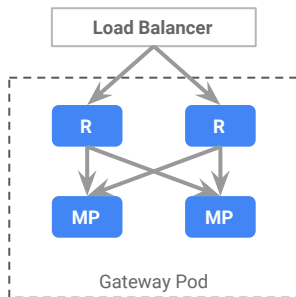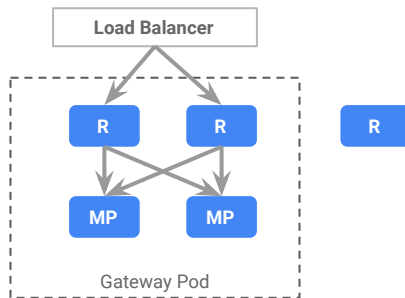

Initial state

Add Router

1. Setup Router:

```
/opt/apigee/apigee-setup/bin/setup.sh -p r -f <configFile>
```

2. Obtain Router UUID:

```
curl -v http://<router_IP>:8081/v1/servers/self/uuid
```

Initial state

Router setup

Add Router

1. Setup Router:

```
/opt/apigee/apigee-setup/bin/setup.sh -p r -f <configFile>
```
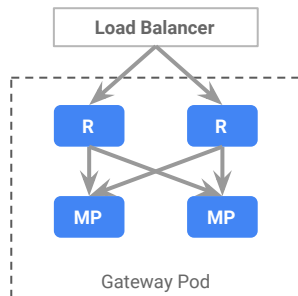
2. Obtain Router UUID:

```
curl -v http://<router_IP>:8081/v1/servers/self/uuid
```

3. If required, add Router to Gateway Pod:
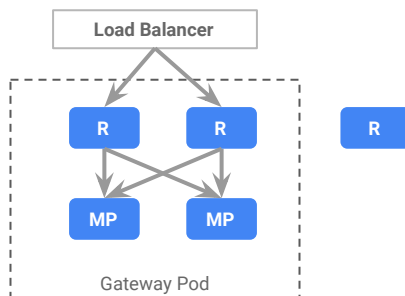   This is done automatically by the installed on 17XX releases.

```
curl -v -u <adminEmail>:<adminPassword> -X POST
http://<ms_IP>:8080/v1/regions/<region_name>/pods/<pod_name>/servers
-d "action=add&uuid=<router_UUID>&type=router"
```
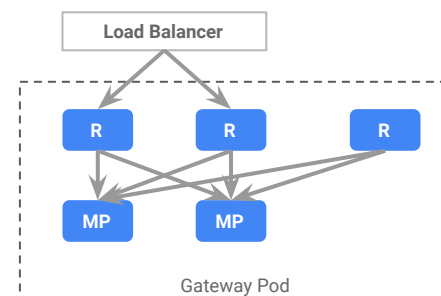
Note: Remember to add Virtual Hosts exposed by new Router to Load Balancer

Initial state

Router setup

Router added to Pod

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Delete Router

1. Get the Router UUID
```
curl -v http://<router_ip>/v1/servers/self/uuid
```

2. Deregister server's type

```
curl -v -u <adminEmail>:<adminPassword> -X POST
http://<management-ip>:8080/v1/servers
-d "type=router&region=<regionName>&pod=<podName>&uuid=<uuid>&action=remove"
```

3. Delete the server

```
curl -v -u <adminEmail>:<adminPassword> -X DELETE
http://<management-ip>:8080/v1/servers/<uuid>
```

Optional : If required, uninstall component as described at Uninstalling Edge:

```
http://docs.apigee.com/private-cloud/latest/uninstalling-edge
```

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Thank You

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