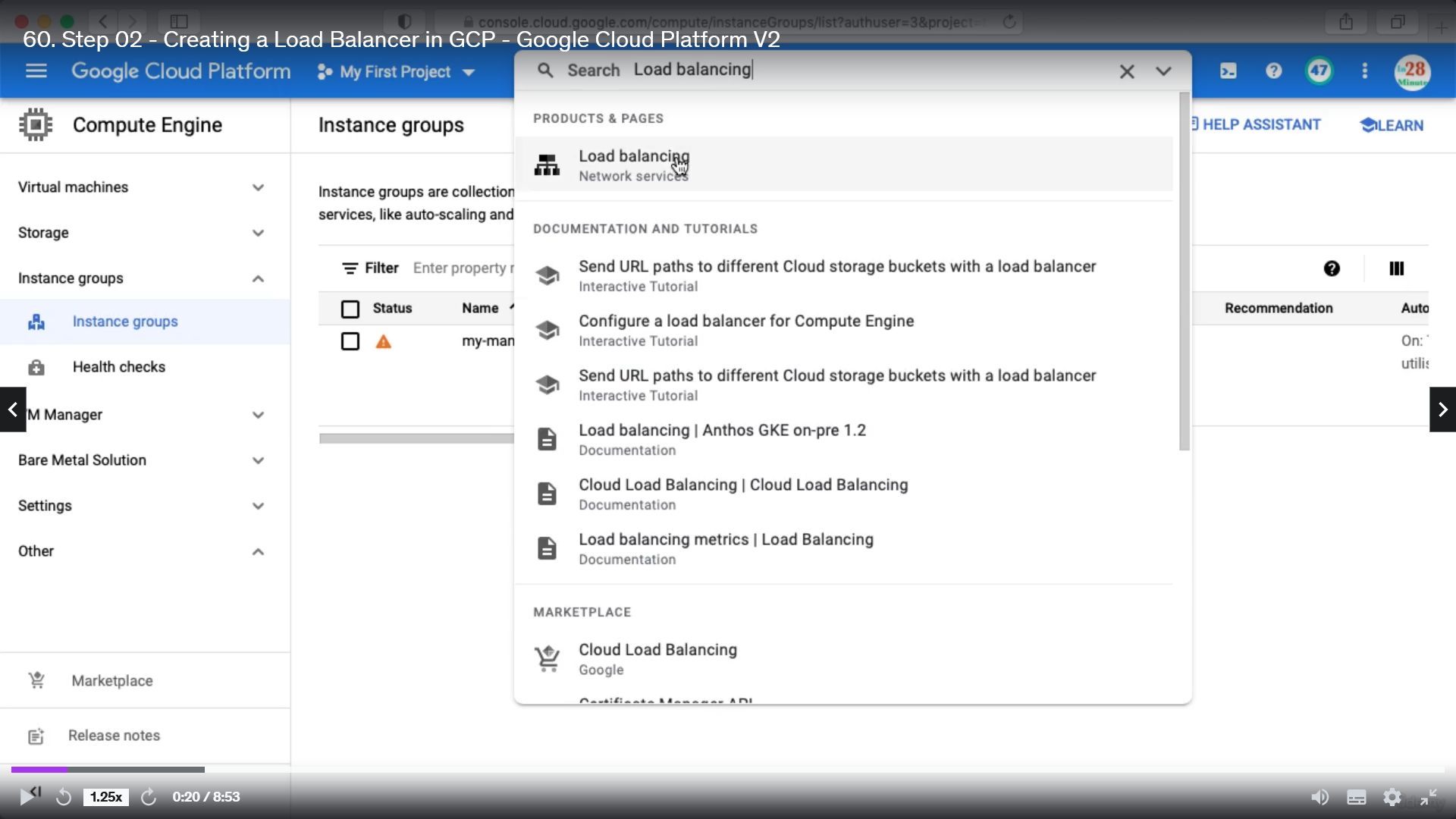
Resiliency : Load balancer only distribute traffic to healthy instances.

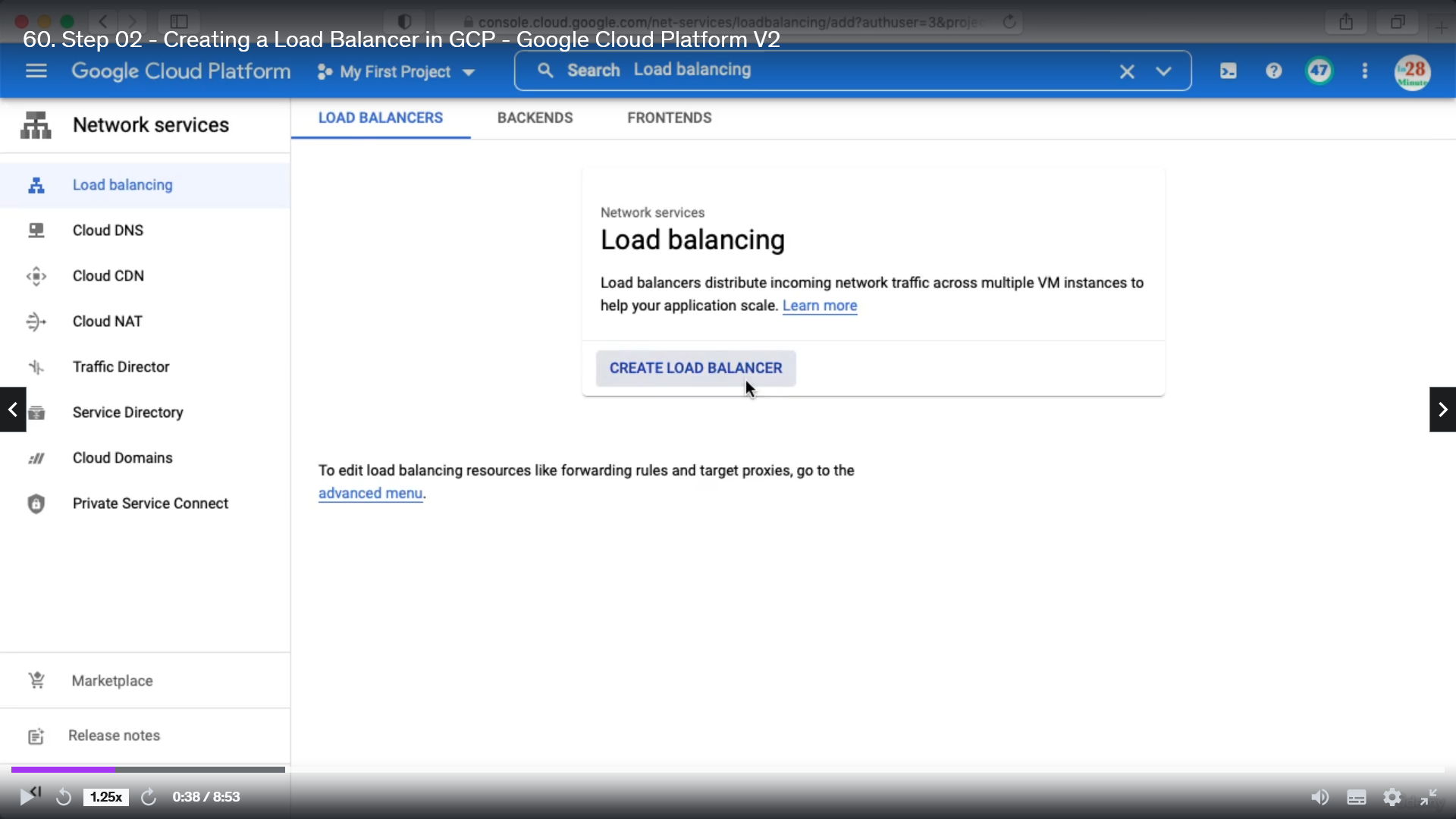
Load balancer can distribute trafic to multiple zones and multiple regions.

Creating Load Balancer Demo

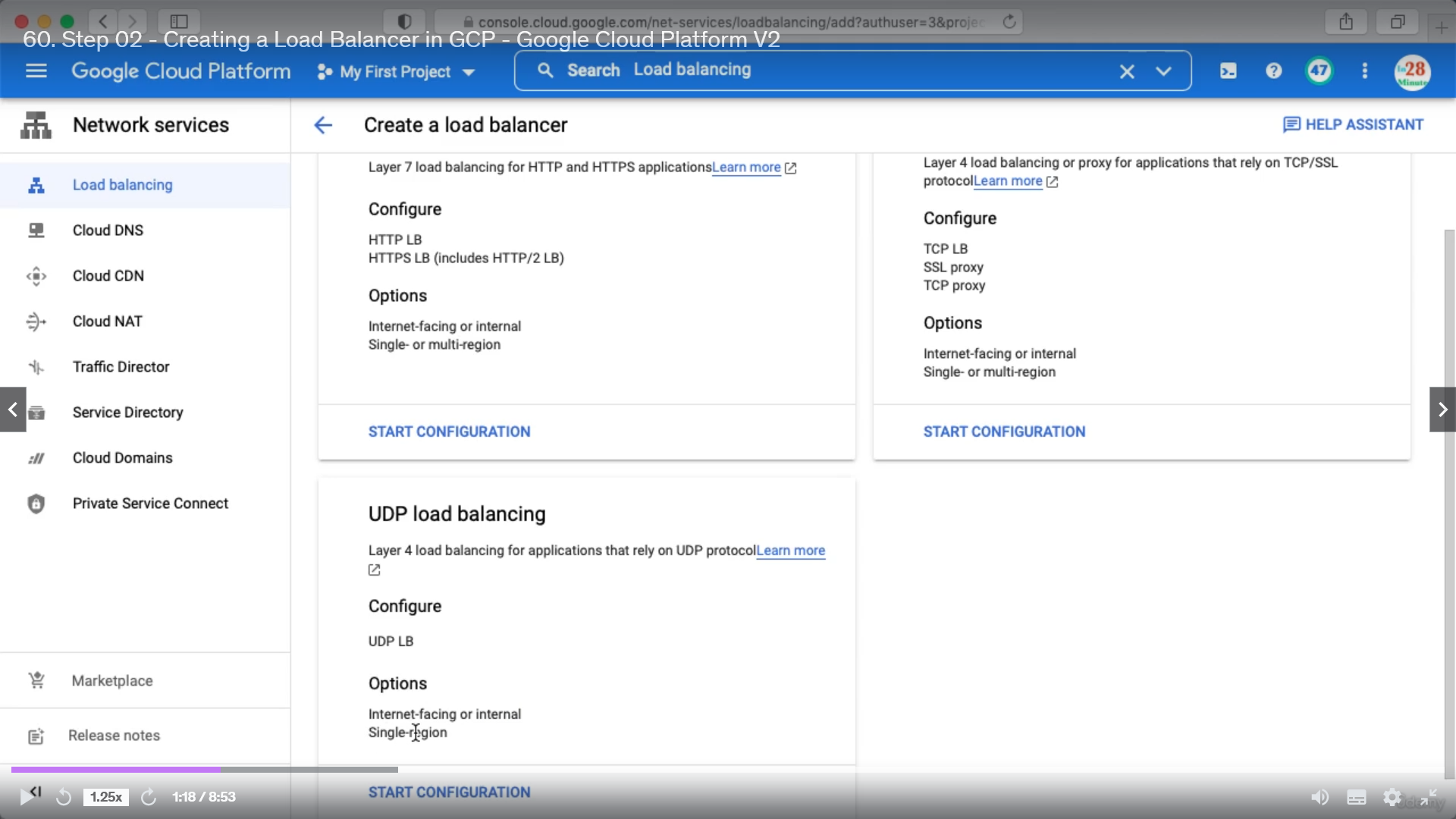
Type Load Balancing



Click create Load Balancer

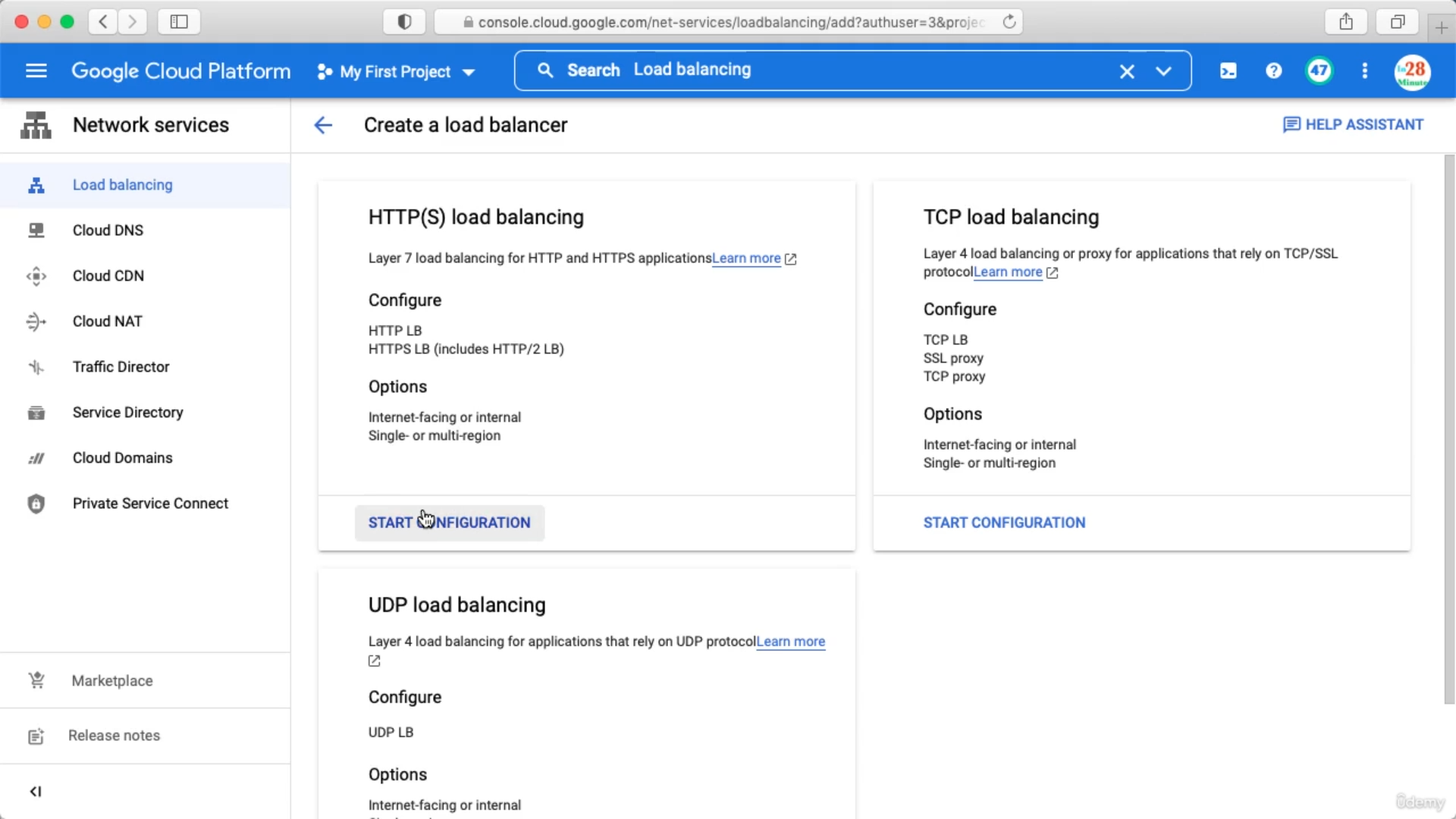


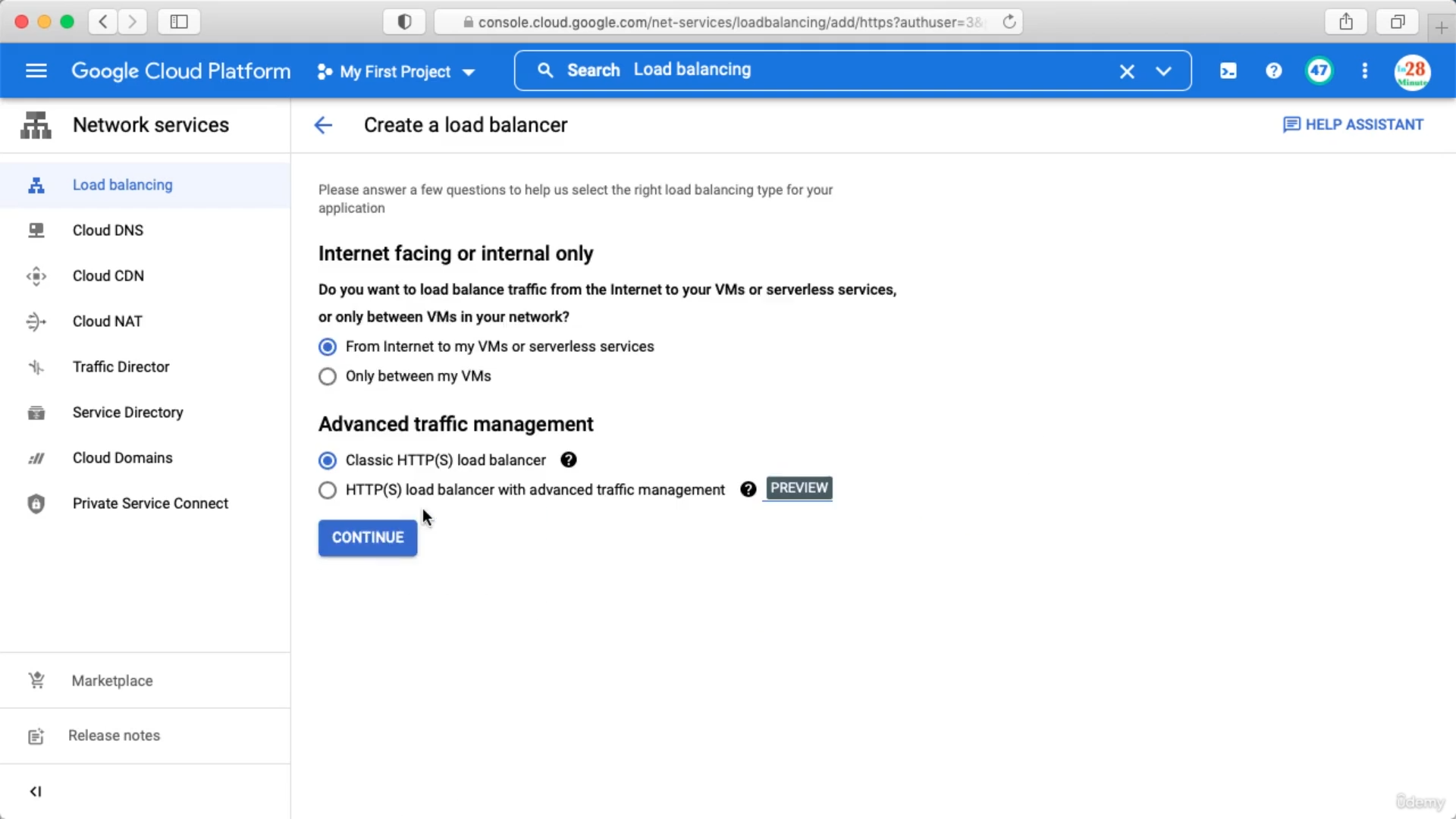
Below are the different type of load balancer



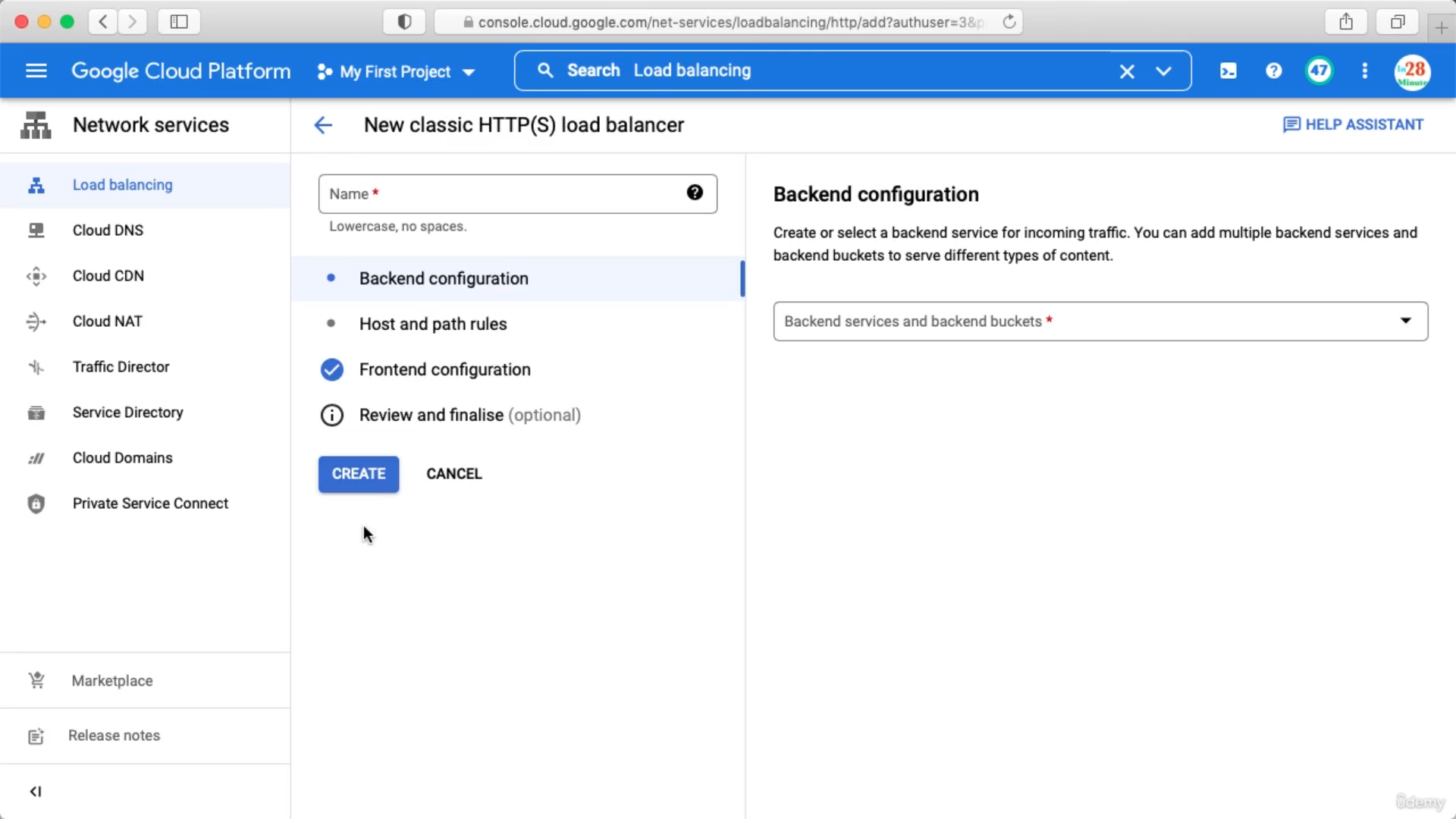
Gaming applications require high performance and they use TCP.

Click Start Configuration

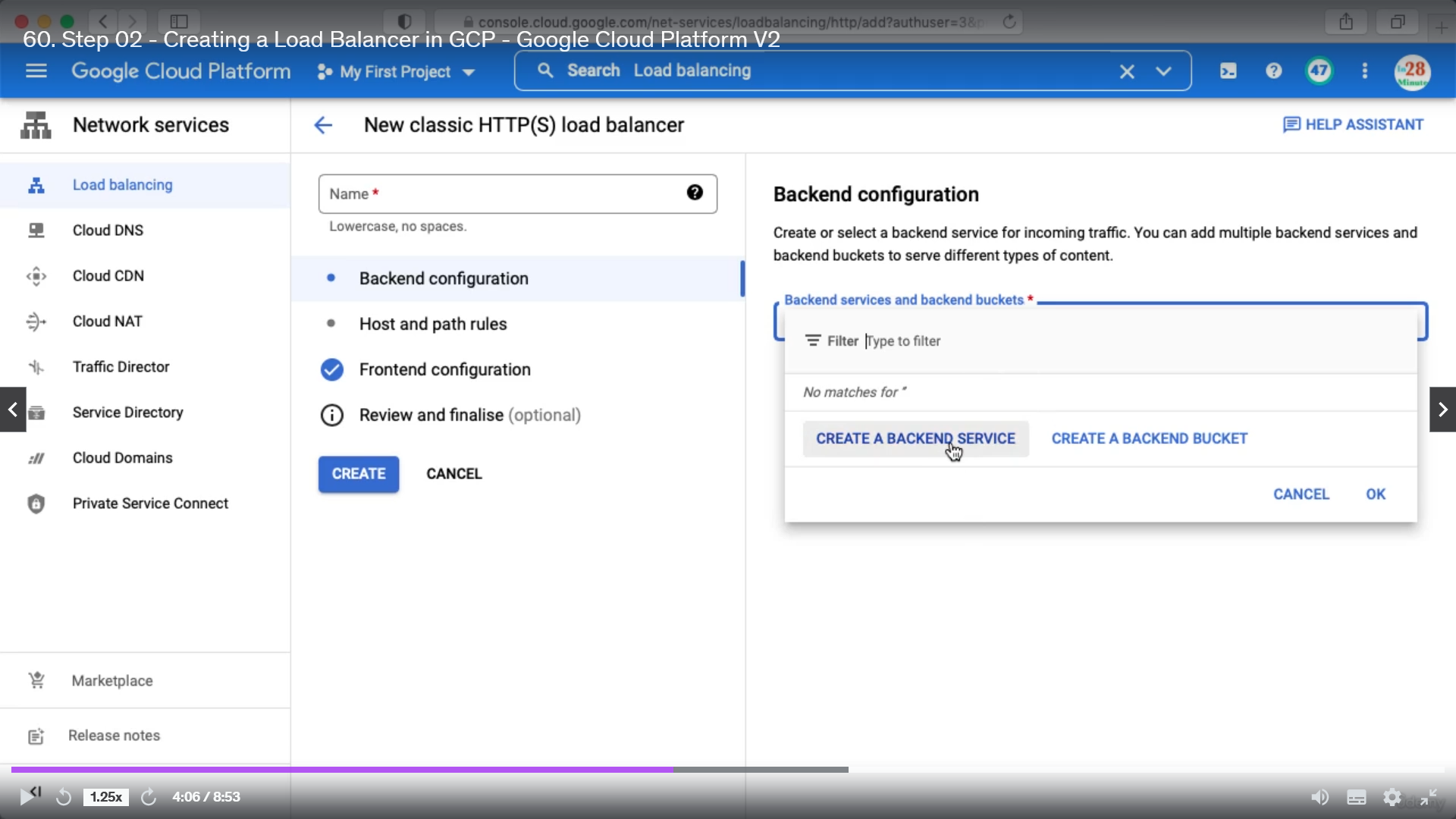




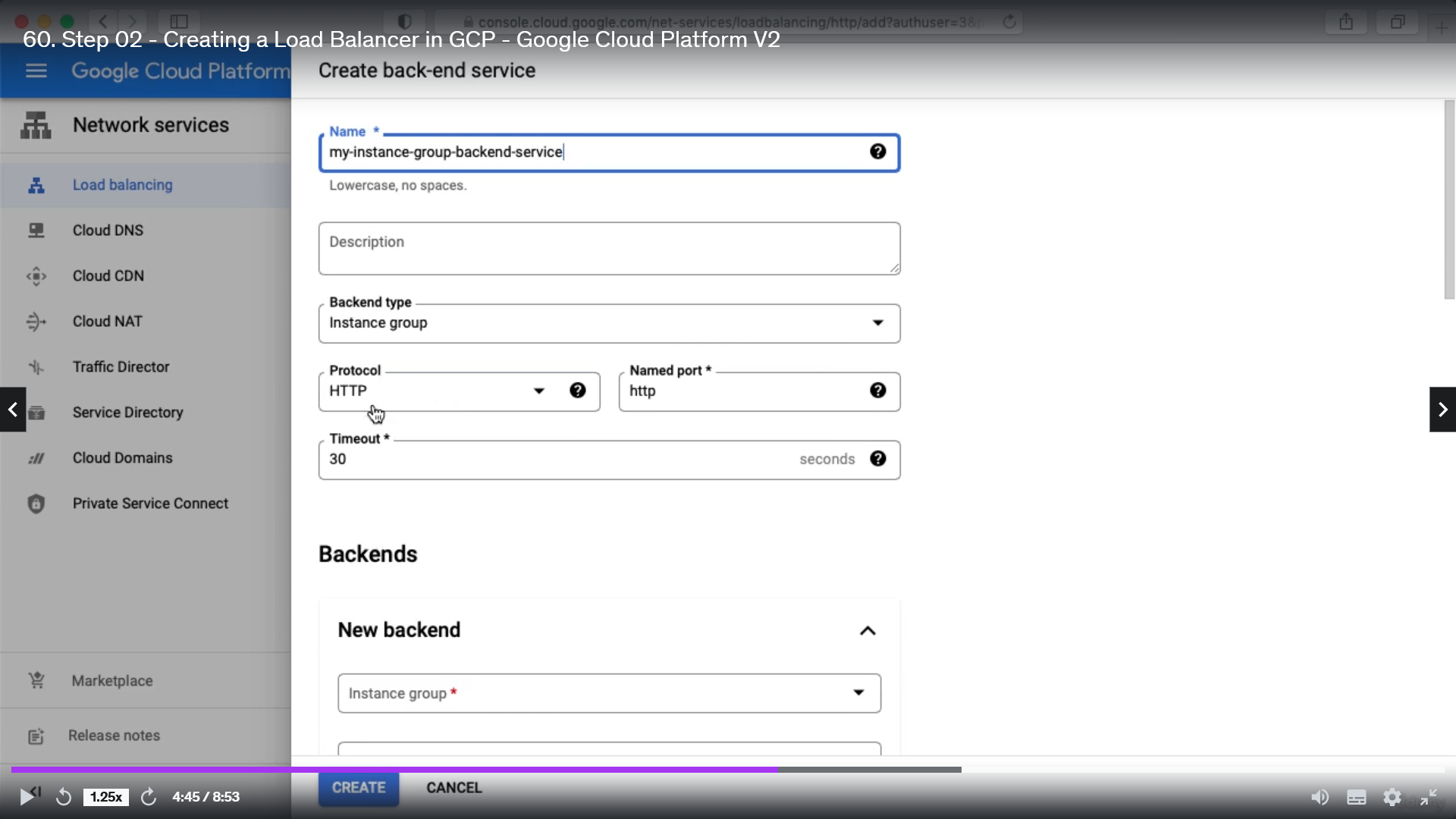
Click continue



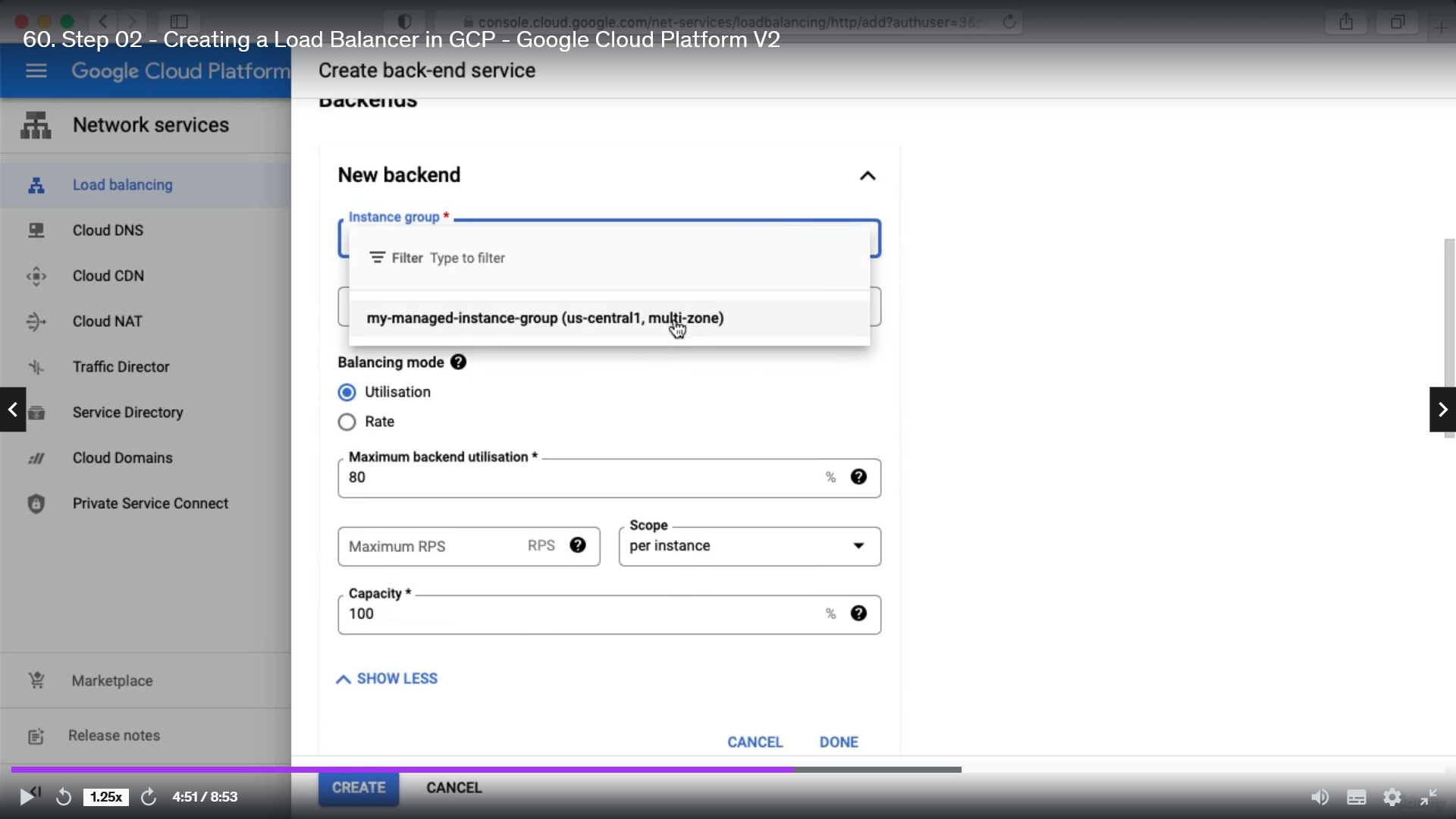
Now, Backend configuration means where you want to send the traffice



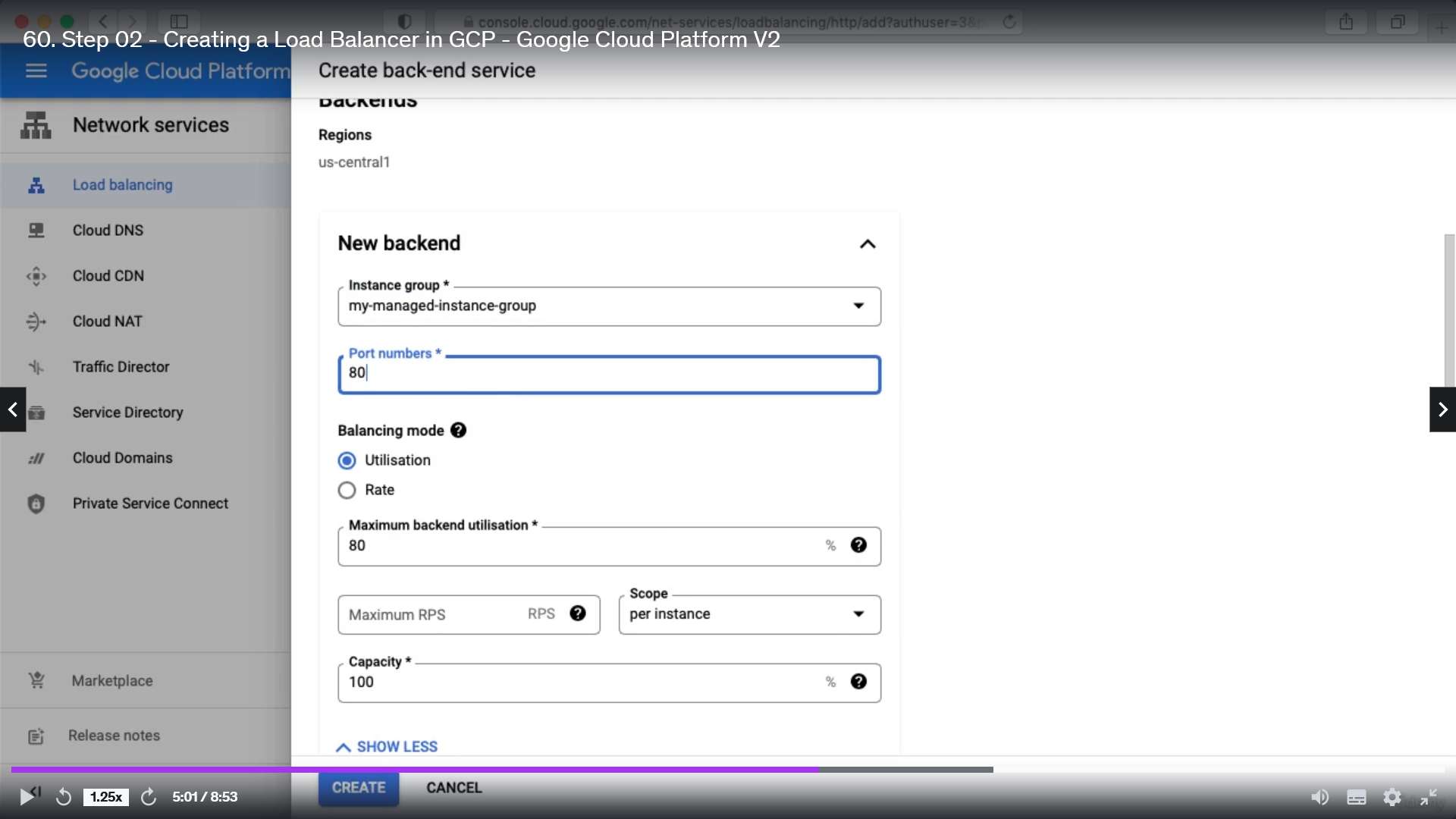
Click (Create a backend Service)and fillup below details



Also, you can choose the instance group

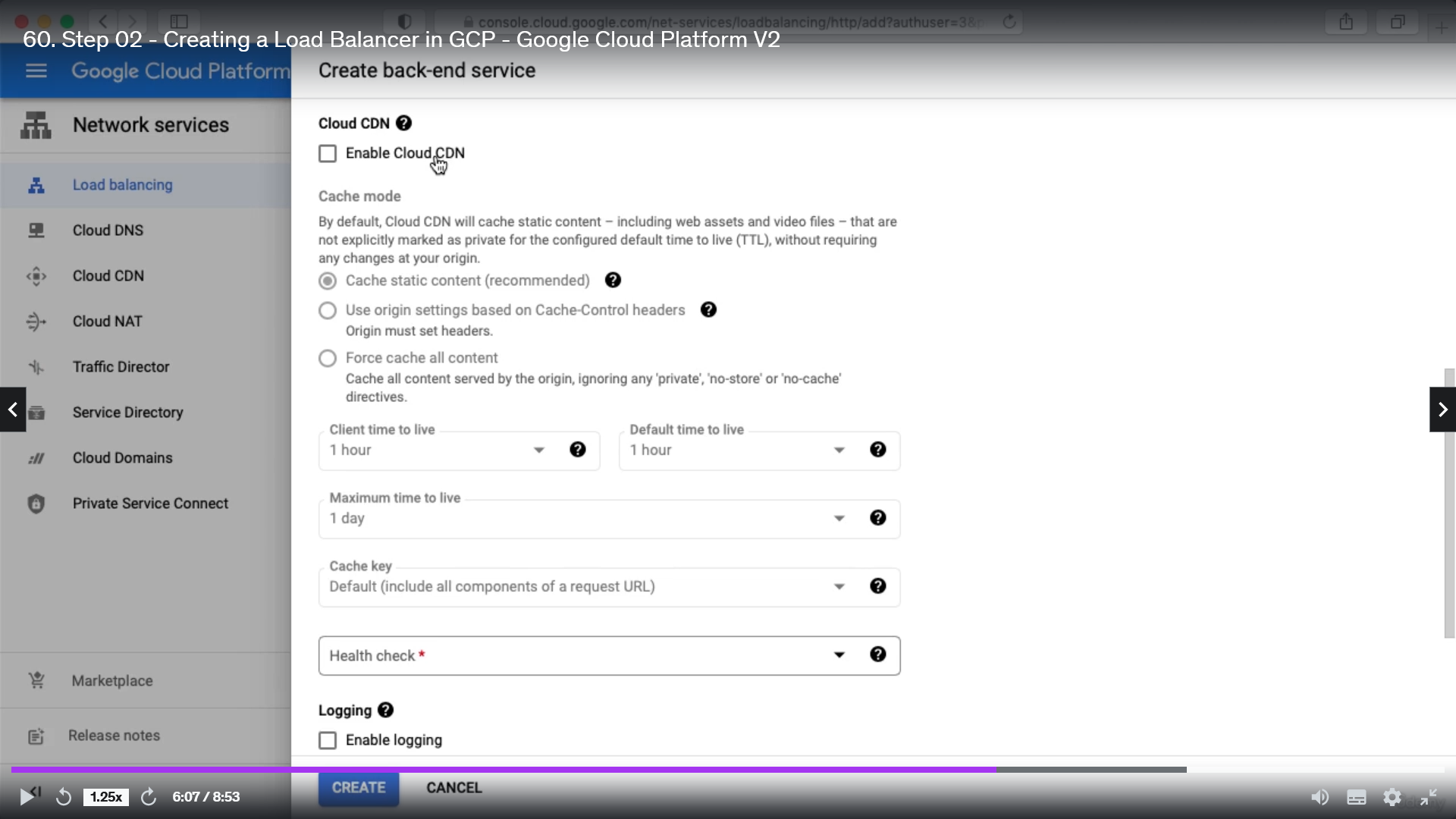


Also you can configure the port number

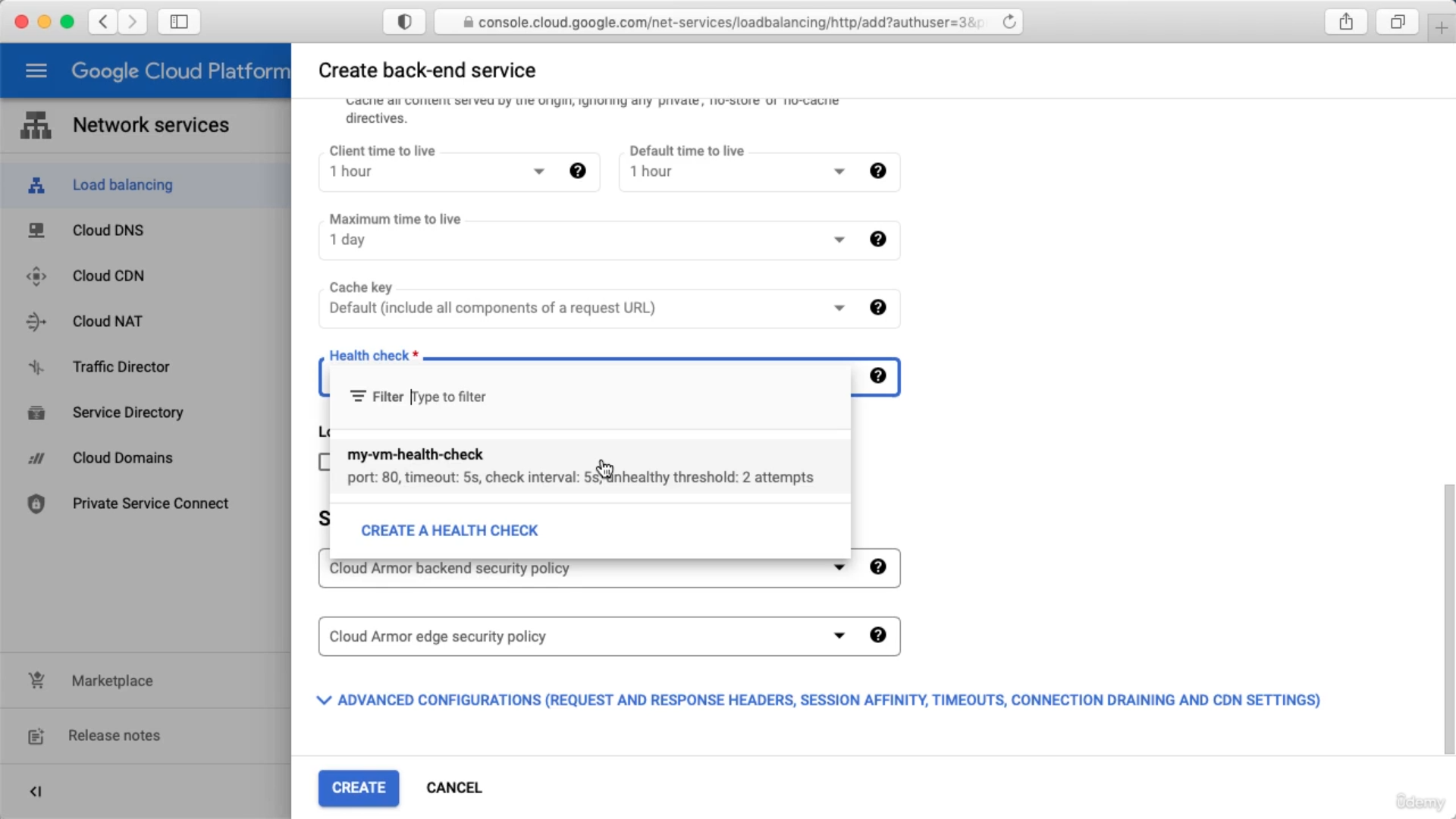


Click done to finish the Backend configuration.

You can check Enable Cloud cdn to catch static content line static html page

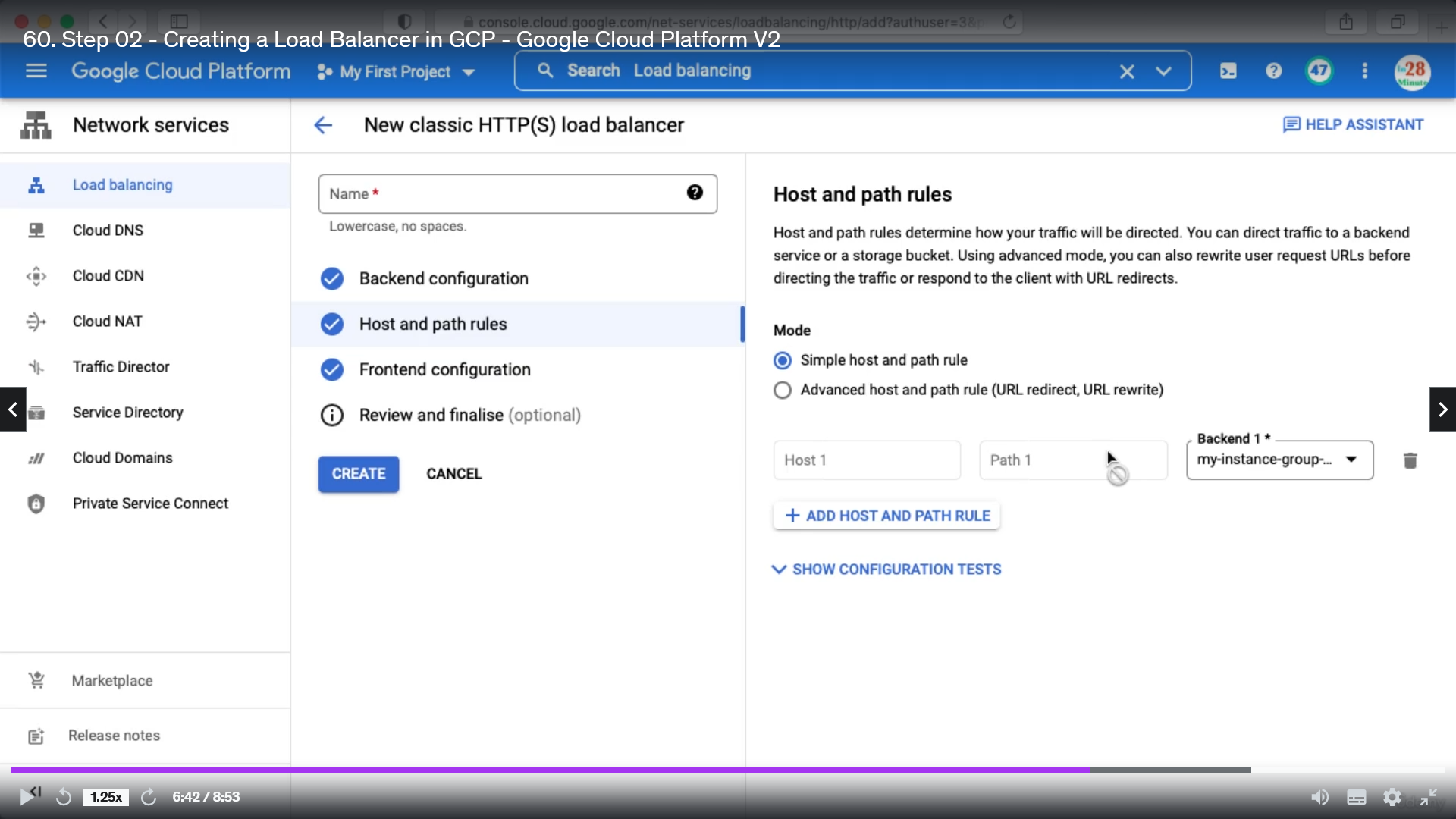


Add a health check

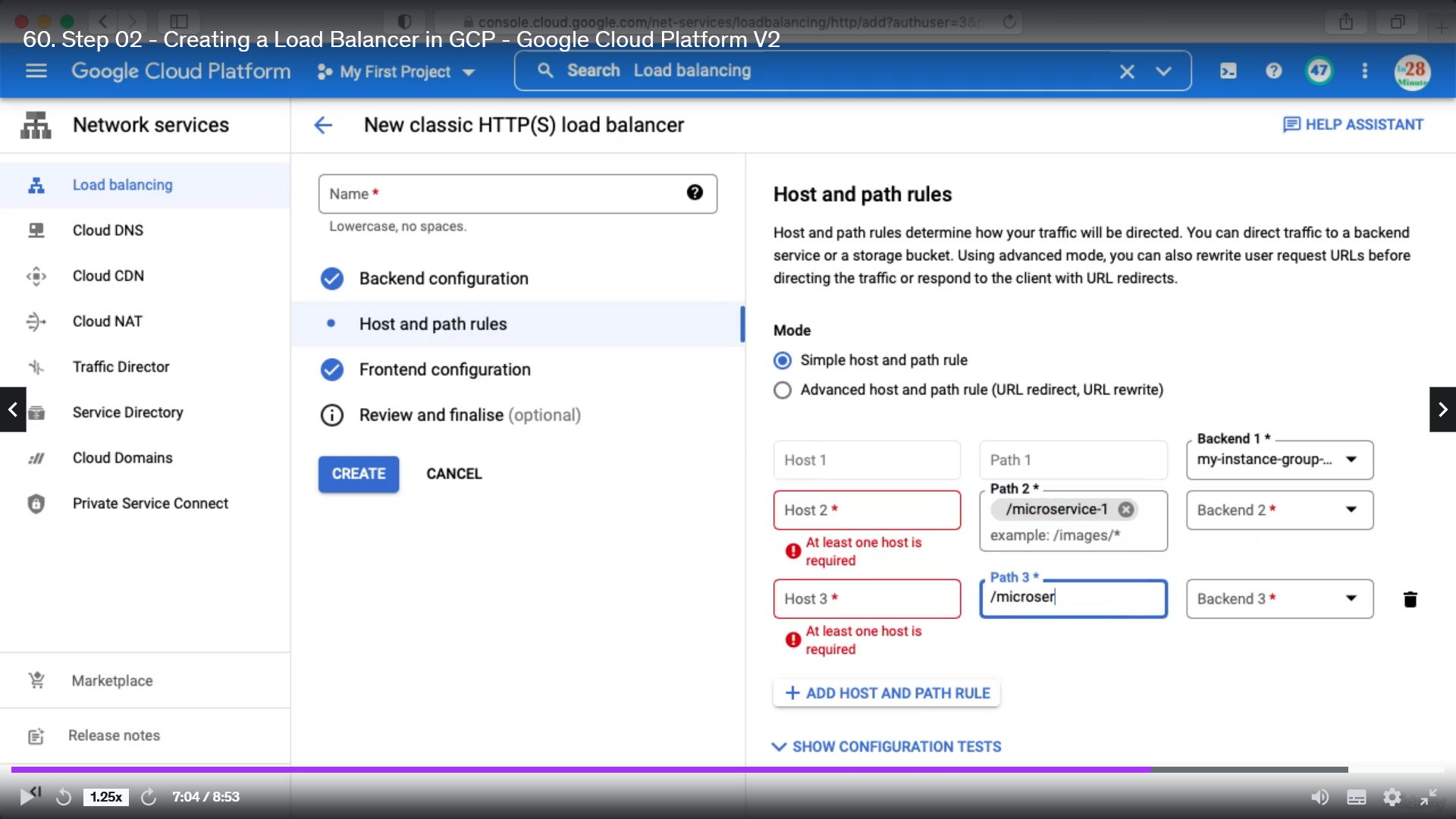


Click create.

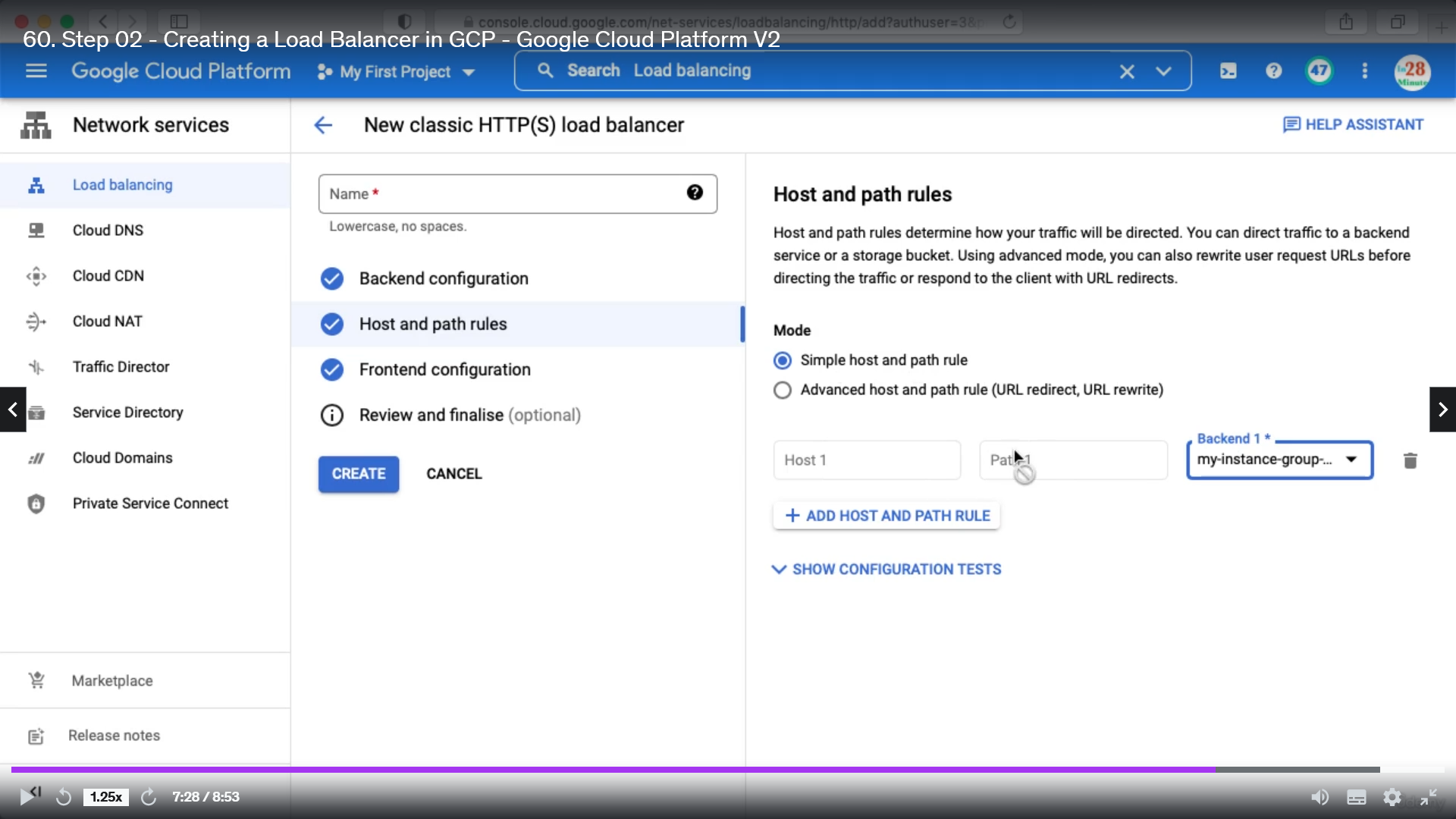
Next we need to configure Host and path rules, this decides how your traffic will be redirected to backend.



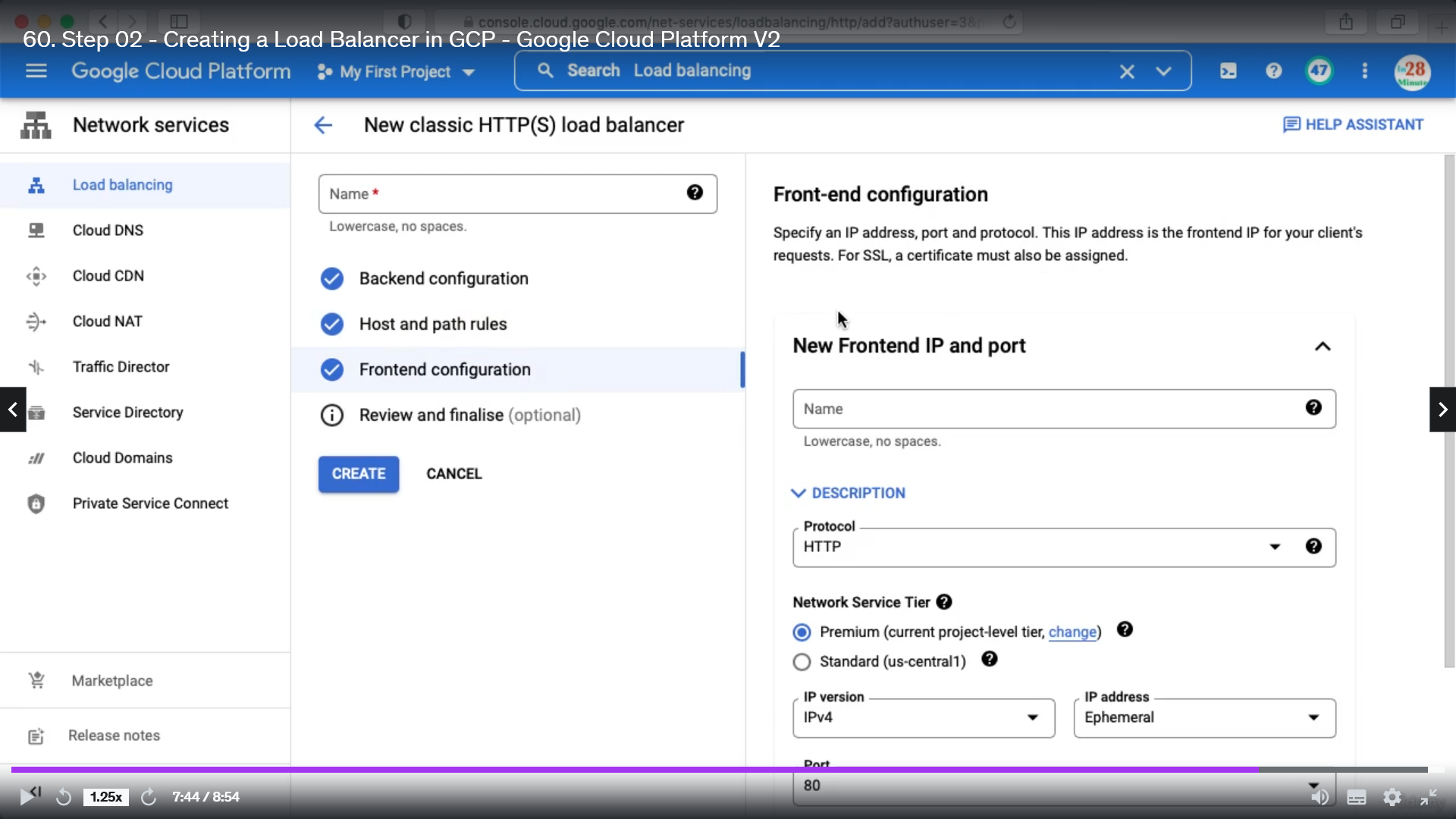
Here we can configure different backend services based on different path



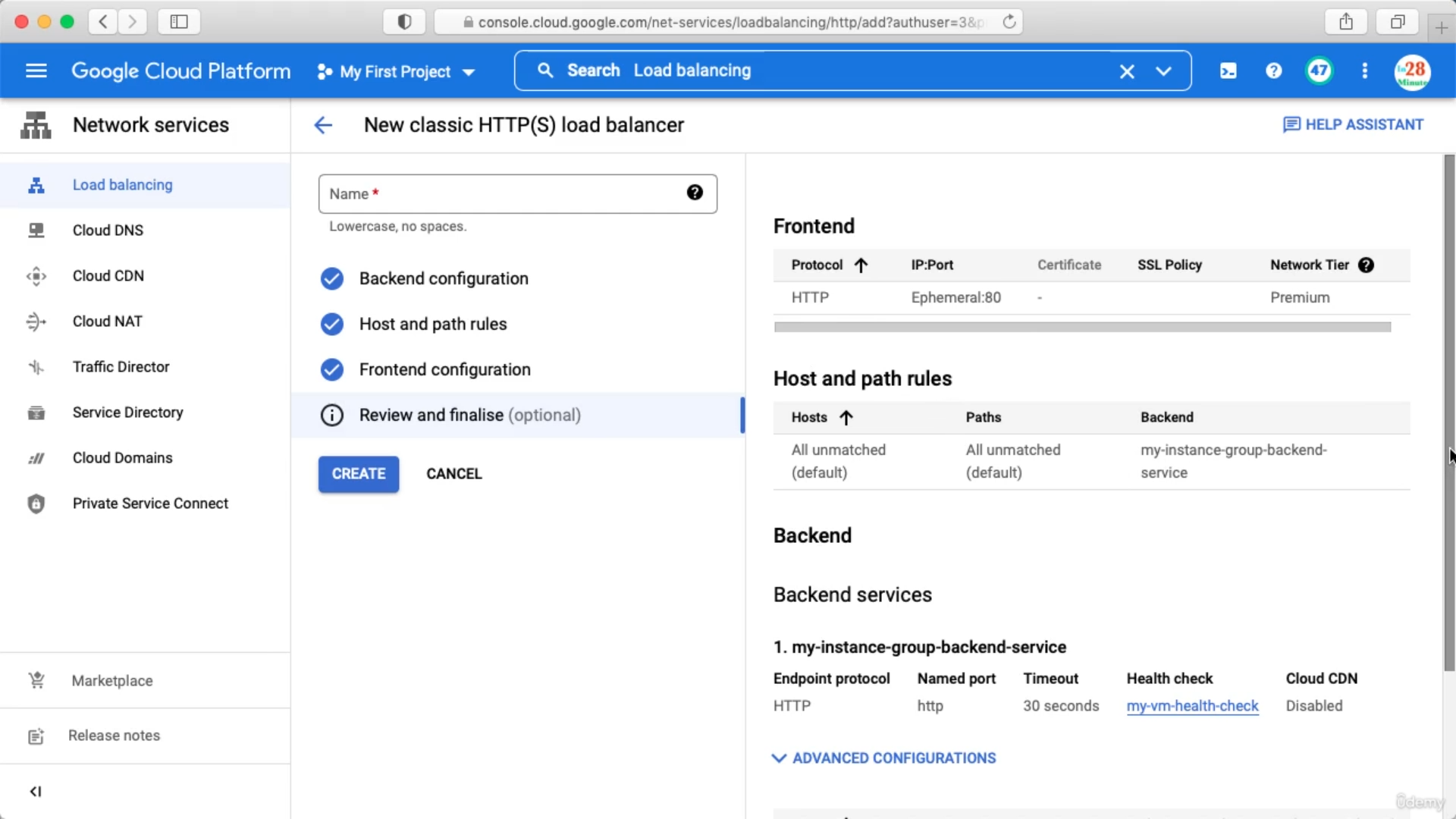
For our case it is as below, all the requests will route to my-instance group



Frontend Configuration: Where you want to receive the request



Next review and finalize the setup



How to choose different Load balancer. Important for the exam



Proxy : whatever request comes load balancer does some changes and send to backend. Pass through means whatever comes this will pass to backend.