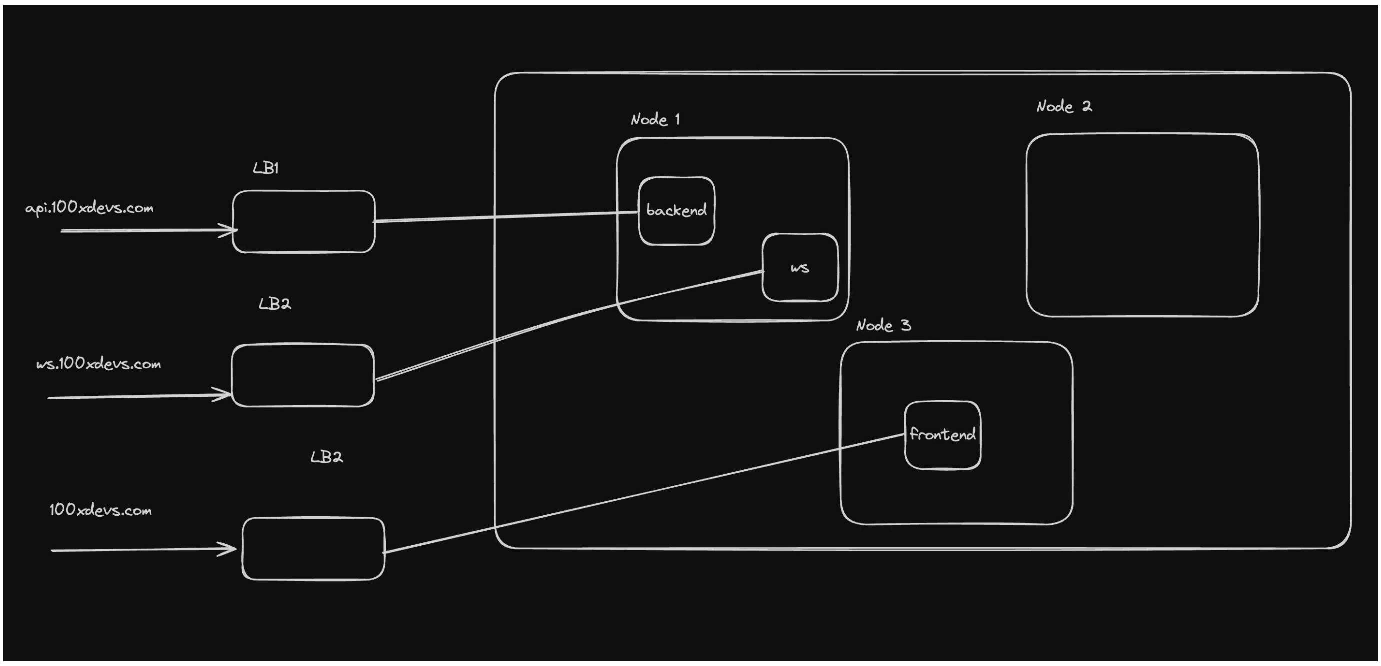
Downsides of services

Services are great, but they have some downsides -

Scaling to multiple apps

1. If you have three apps (frontend, backend, websocket server), you will have to create 3 saparate services to route traffic to them. There is no way to do centralized traffic management (routing traffic from the same URL/Path-Based Routing)
2. There are also limits to how many load balancers you can create

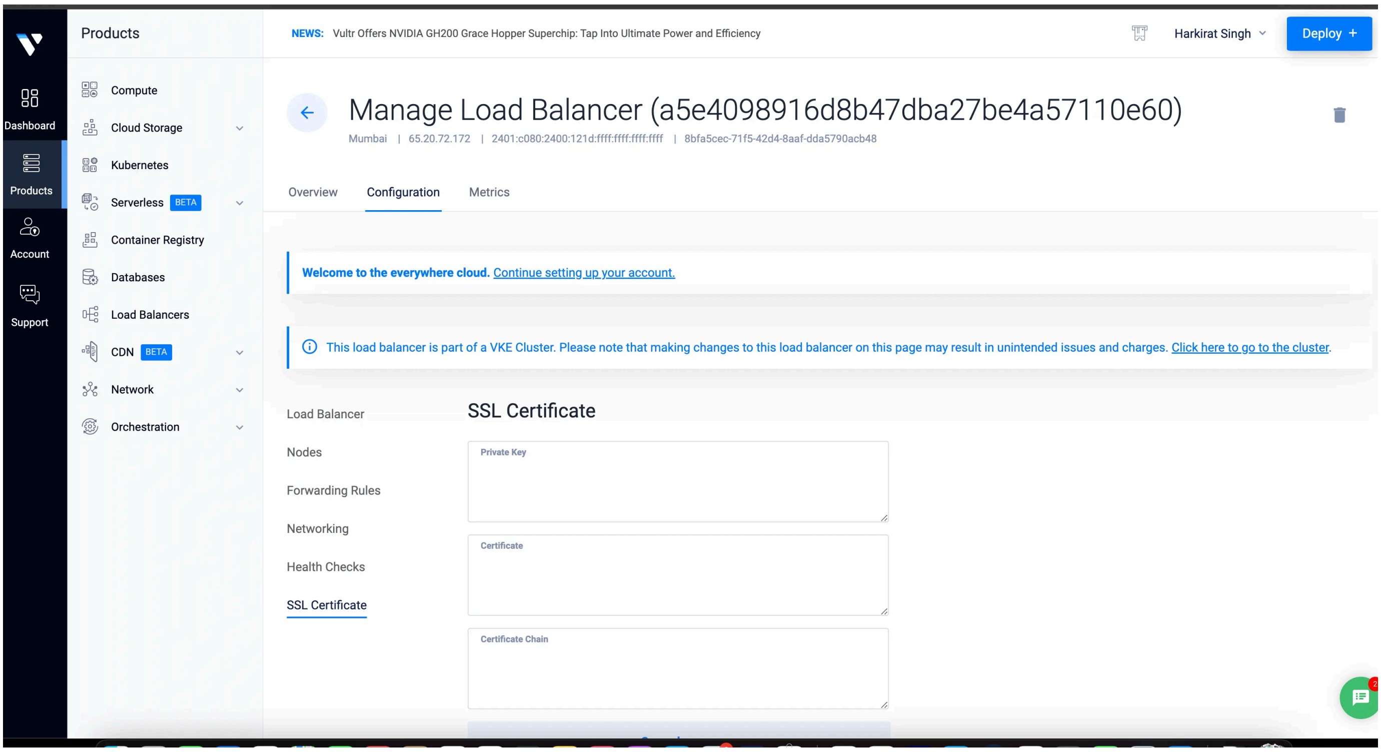


Multiple certificates for every route

You can create certificates for your load balancers but you have to maintain them outside the cluster and create them manually

You also have to update them if they ever expire

↗ ↑



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Manage Load Balancer (a5e4098916d8b47dba27be4a57110e60)

Mumbai | 65.20.72.172 | 2401:c080:2400:121d:ffff:ffff:ffff:ffff | 8bfa5cec-71f5-42d4-8aaf-dda5790acb48

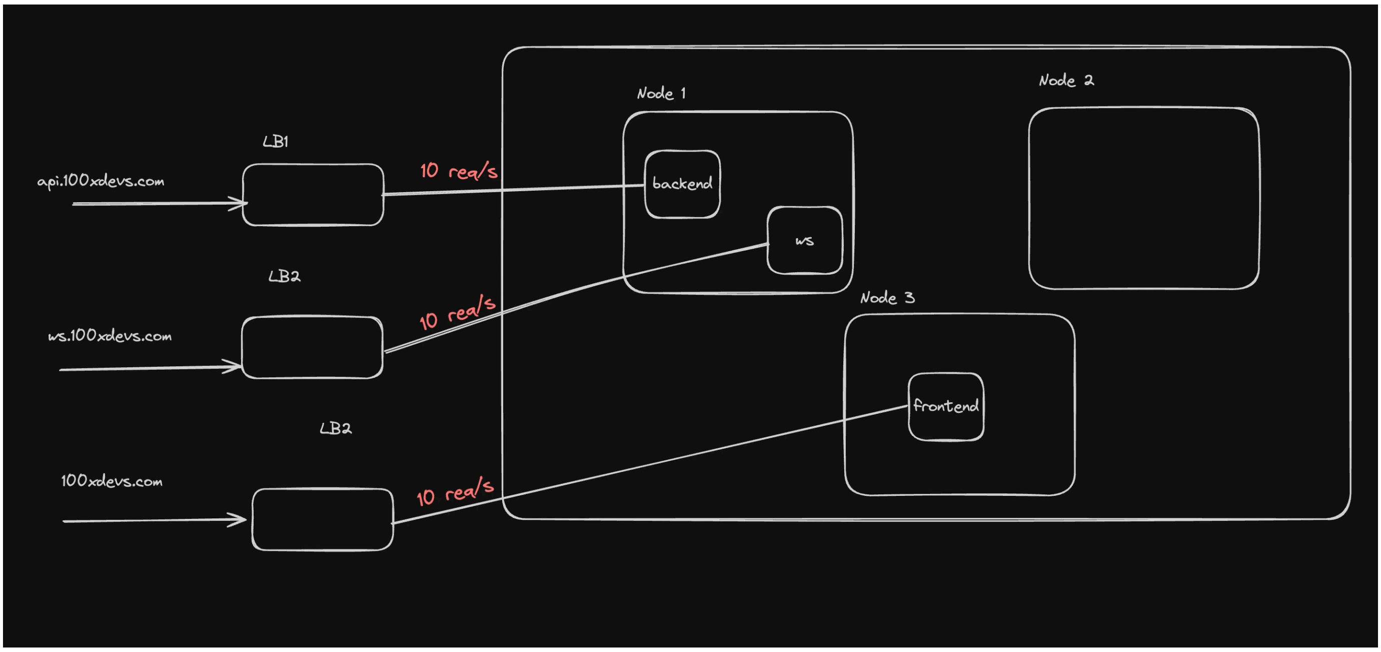
Welcome to the everywhere cloud. Continue setting up your account.

This load balancer is part of a VKE Cluster. Please note that making changes to this load balancer on this page may result in unintended issues and charges. Click here to go to the cluster.

SSL Certificate

No centralized logic to handle rate limitting to all services

Each load balancer can have its own set of rate limits, but you cant create a single rate limitter for all your services.



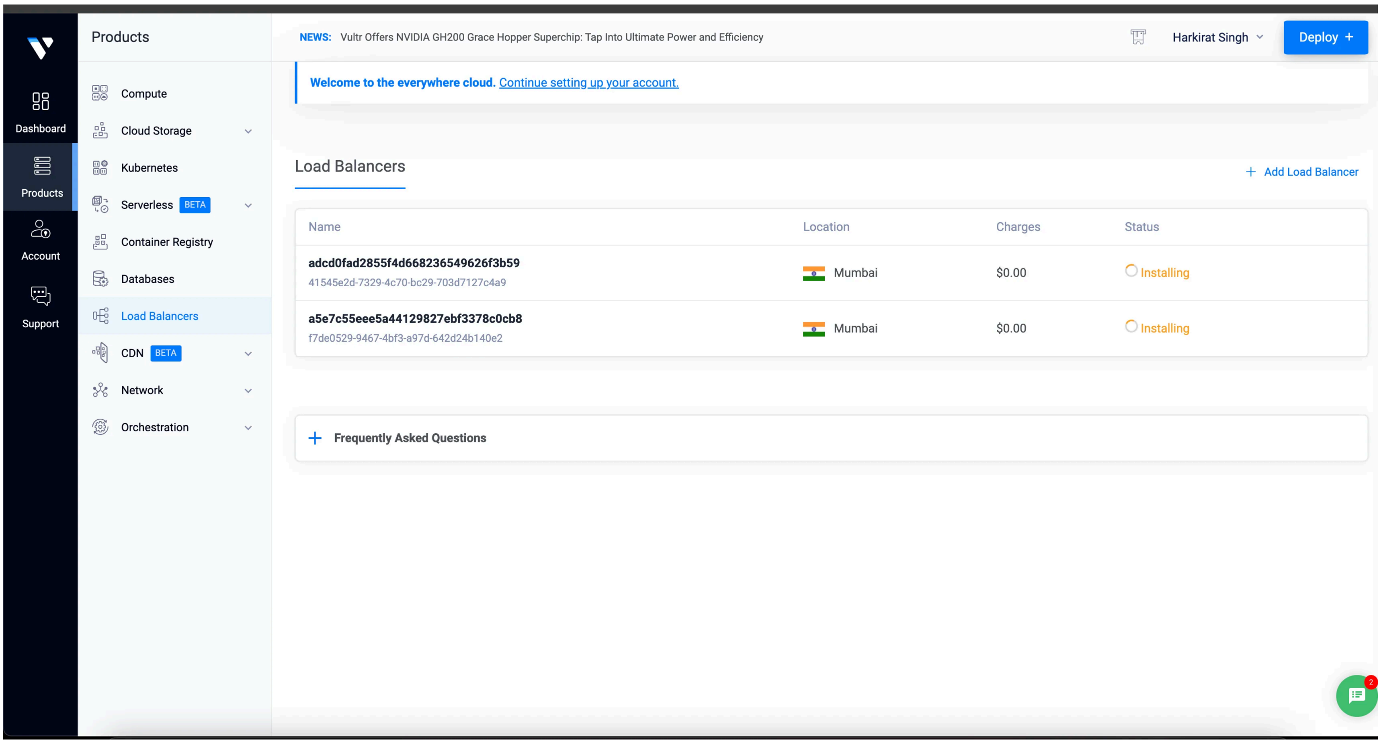
Trying it out

Here is a sample manifest that you can run to start two saparate deployments and attach them to two saparate `LoadBalancer` services

▶ Manifest

```
kubectl apply -f manifest.yml
```

You will notice two load balancers created for your two services



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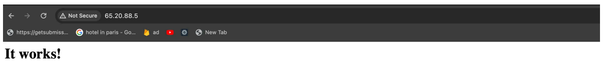
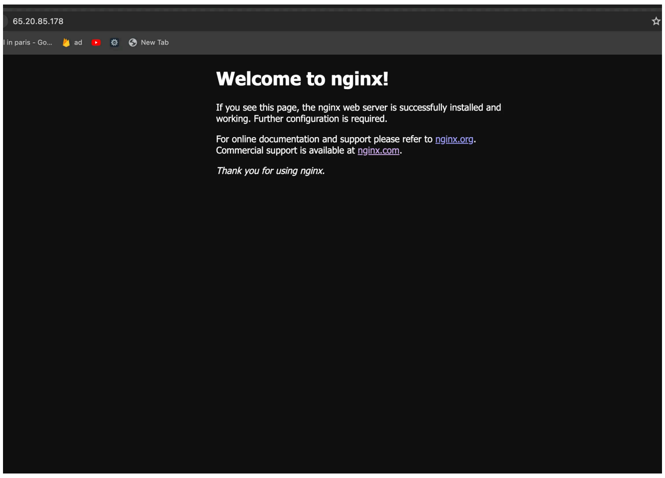
Load Balancers

Name	Location	Charges	Status
adcd0fad2855f4d668236549626f3b59 41545e2d-7329-4c70-bc29-703d7127c4a9	Mumbai	$0.00	Installing
a5e7c55eee5a44129827ebf3378c0cb8 f7de0529-9467-4bf3-a97d-642d24b140e2	Mumbai	$0.00	Installing

Open the load balancers



It works!



Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.