

About Us



Akashdeep

(Product Engineer at Go-jek)

Abhishek

(Associate Software Developer at Mavenhive Technologies)





Services Provided





















































Scale



- 130 million internal api calls
- US \$6.3 billion of annualised gross transaction volume
- More than 300,000 online and offline merchants on the platform
- More than 50 % of Go-jek bookings are paid using Go-pay
- More than 100 million transactions in a month.
- As of 2018, GOJEK has completed 2 billion orders. (Annualised transaction volume).

Go-Pay Infrastructure

GO JEK

- Chef for configuration management
- More than 130 microservices
- 3 Environments
- Multicountry



- Better Cluster Management
- Easier and faster cluster setup
- Faster deployments

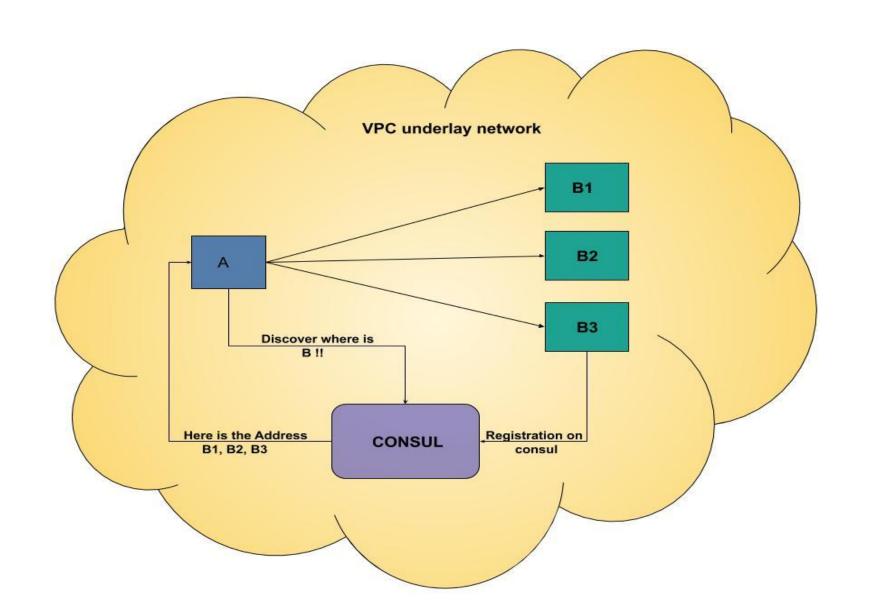




Issues!!

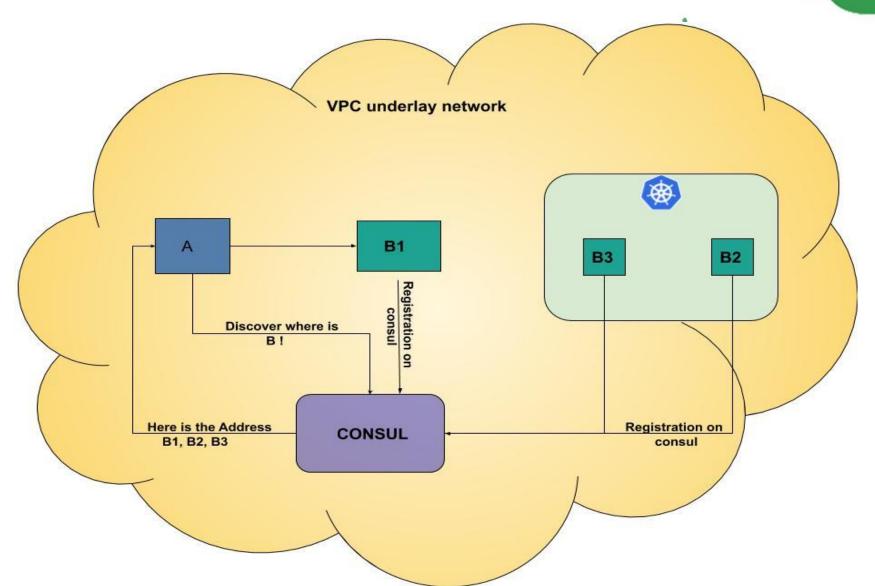
Client Side Load Balancing







Service Discovery





1 Service at a time





That too running in hybrid mode parallely both on VM and k8s.



CNI



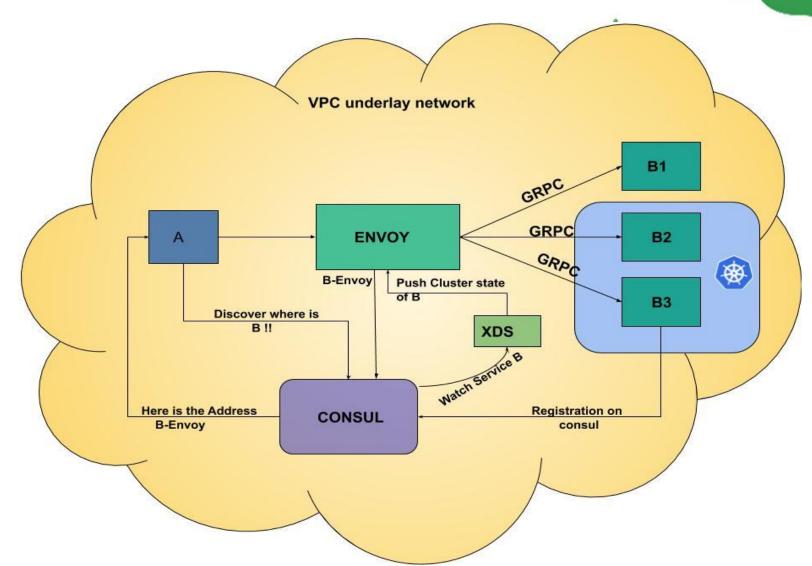
CNI

- Assigns underlay network IP to the pods
- Gives flexibility for ingress and egress





New Architecture





Current State

We have migrated more than 80% of our infrastructure to kubernetes without any downtime.

More than 106 microservices currently running on kubernetes

Achieved in less than 3 months



Future Plans

Service Mesh

