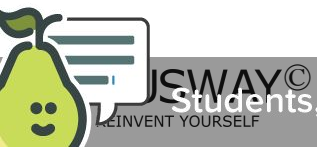




Storage Classes and Ingress



Students, write your response!

Pear Deck Interactive Slide
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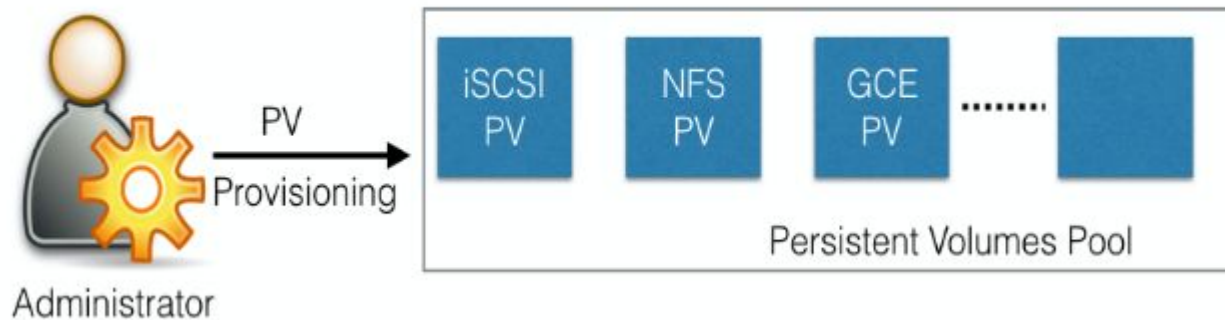


1

Storage Class

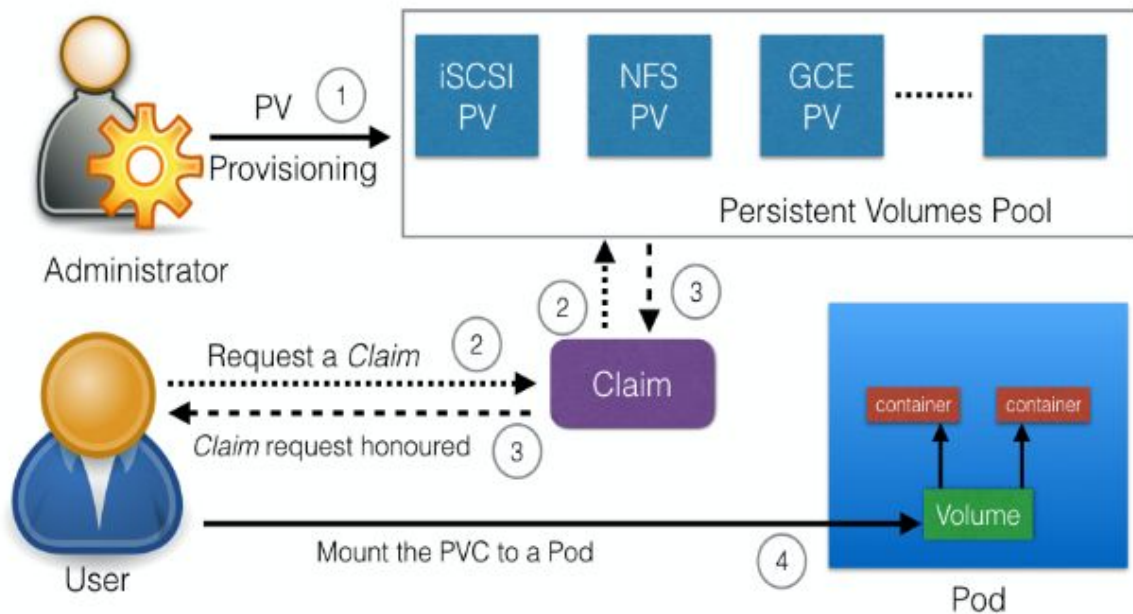


Storage Class





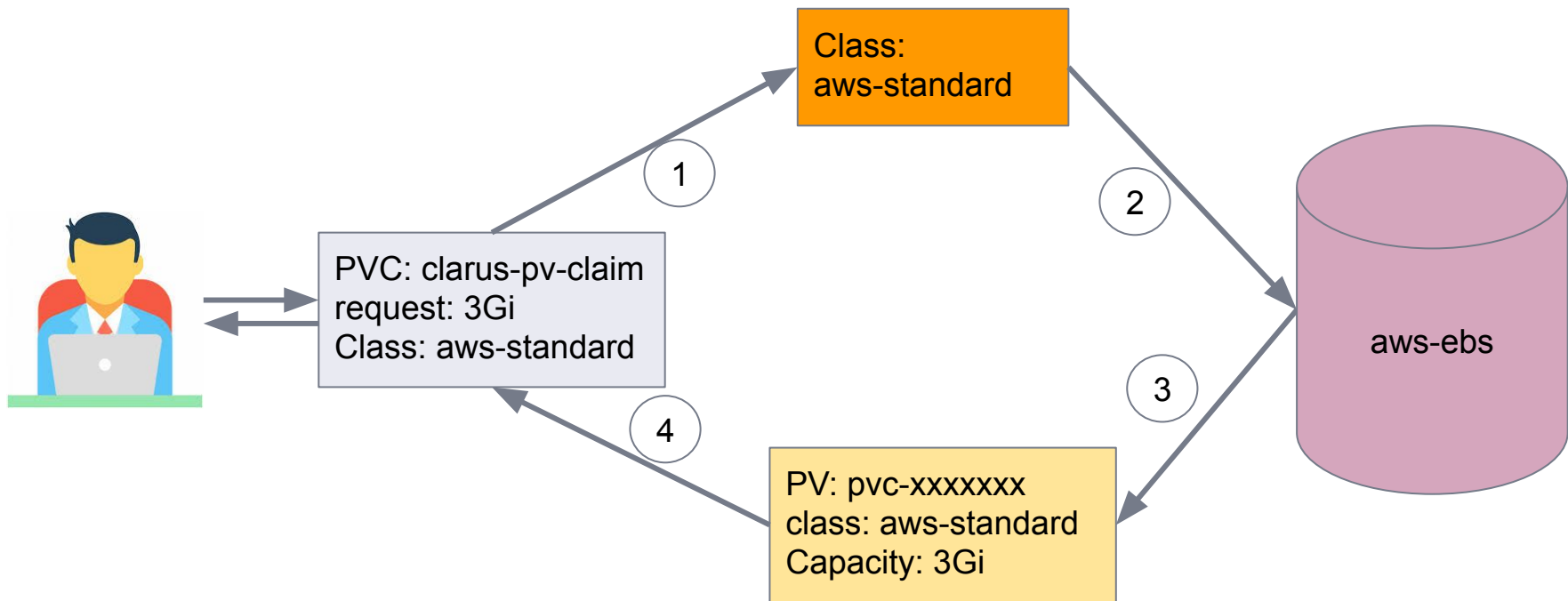
Storage Class





Storage Class

A **StorageClass** provides a way for administrators to describe the "classes" of storage they offer.





Storage Class

```
kind: StorageClass
apiVersion: storage.k8s.io/v1
metadata:
  name: aws-standard
  annotations:
    storageclass.kubernetes.io/is-default-class:
      "true"
provisioner: kubernetes.io/aws-ebs
parameters:
  type: gp2
  fsType: ext4
```

Provisioner: Each StorageClass has a provisioner that determines what volume plugin is used for provisioning PVs.

Parameters: Storage Classes have parameters that describe volumes belonging to the storage class. Different parameters may be accepted depending on the provisioner

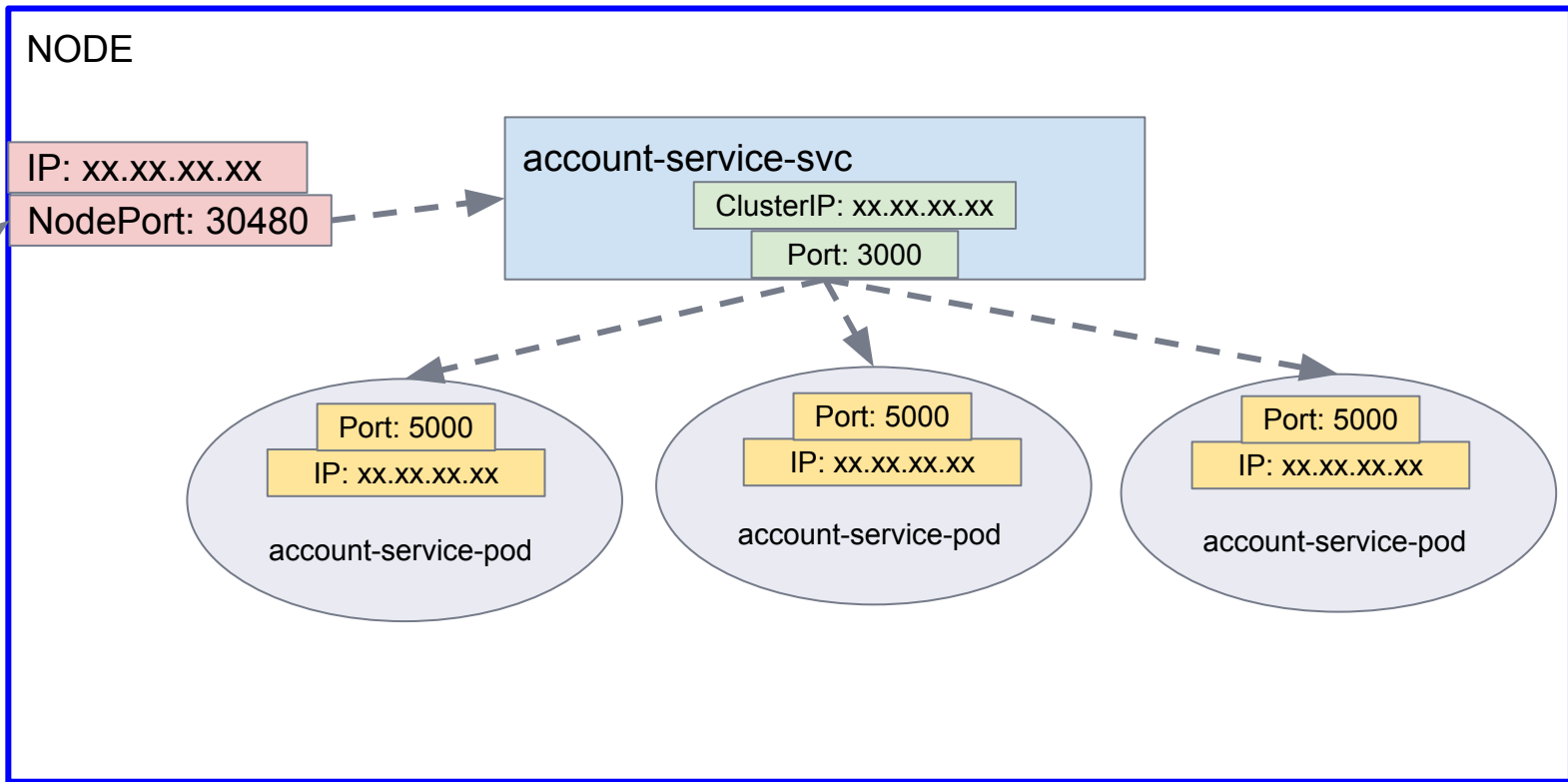


2

Ingress

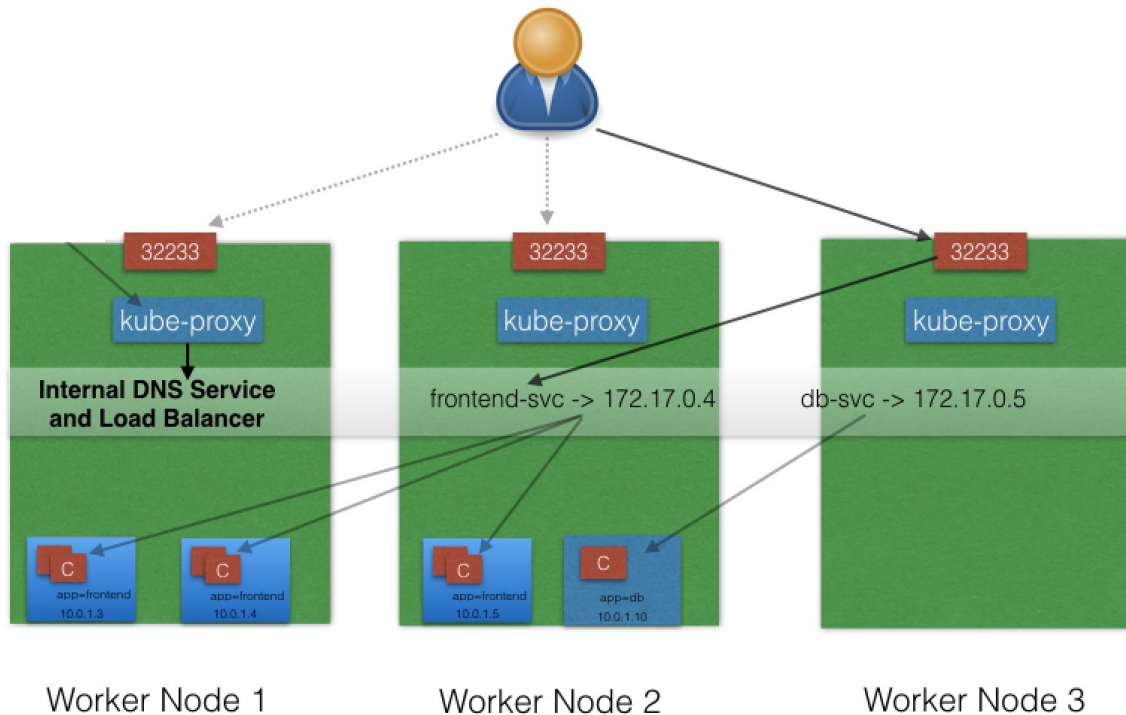


Ingress



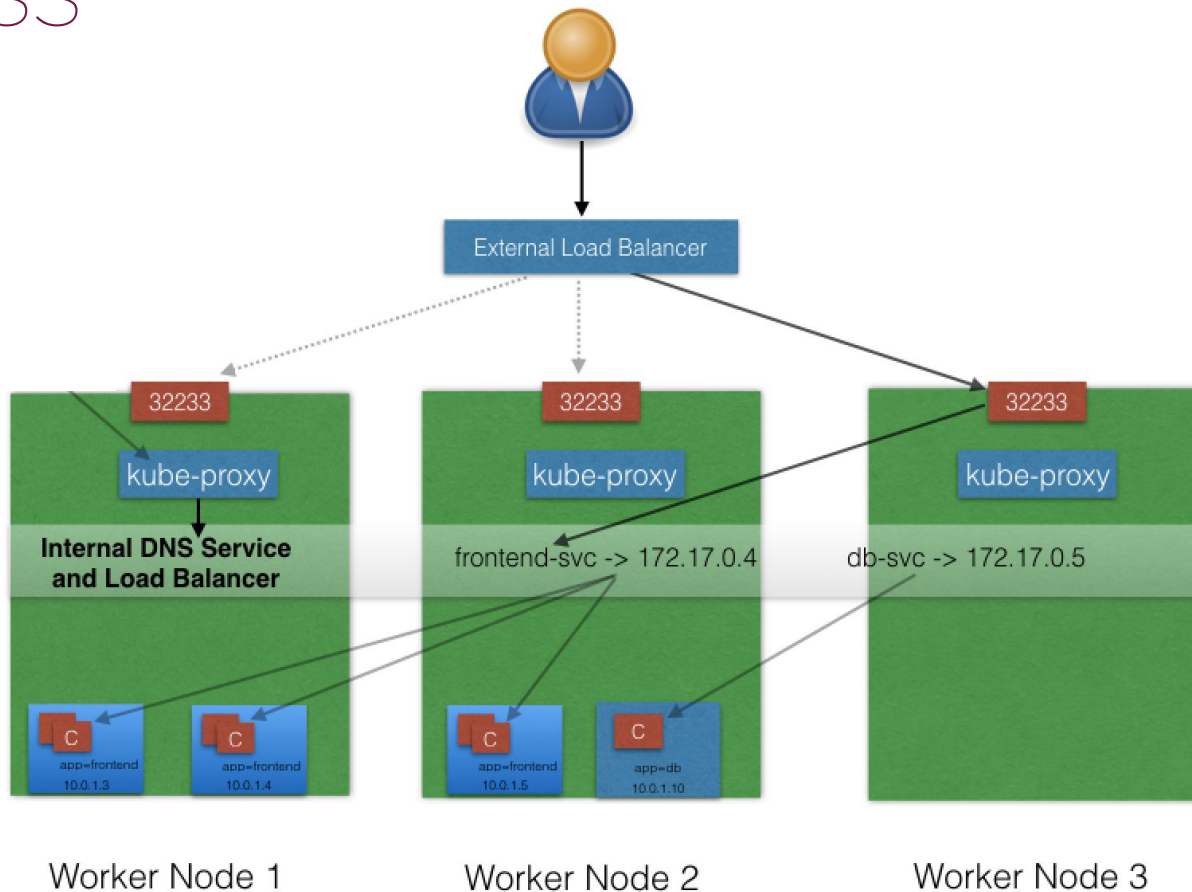


Ingress





Ingress

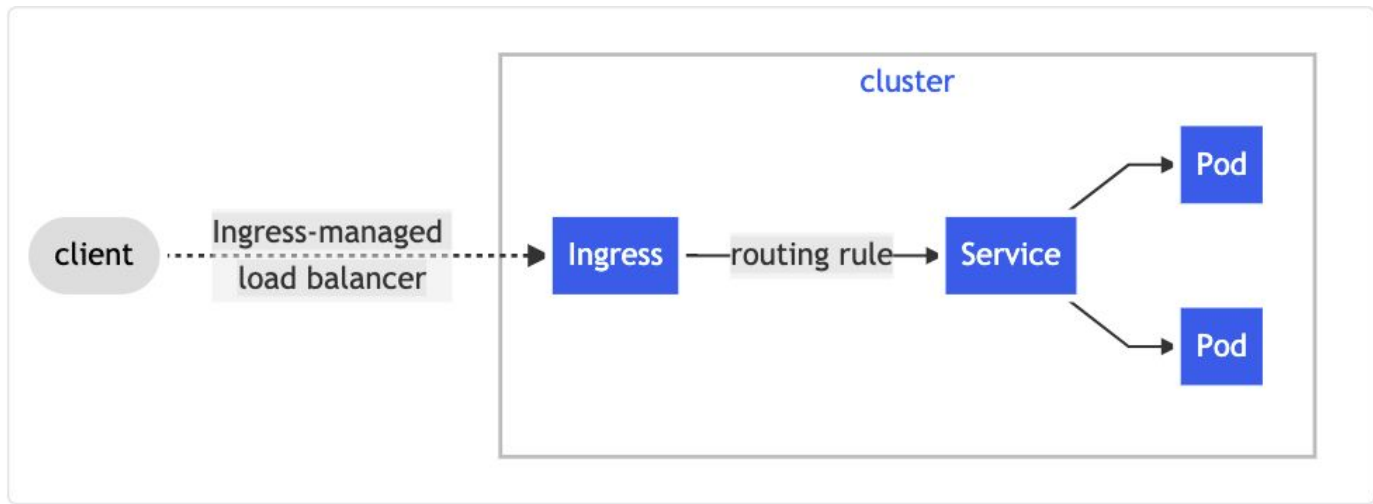




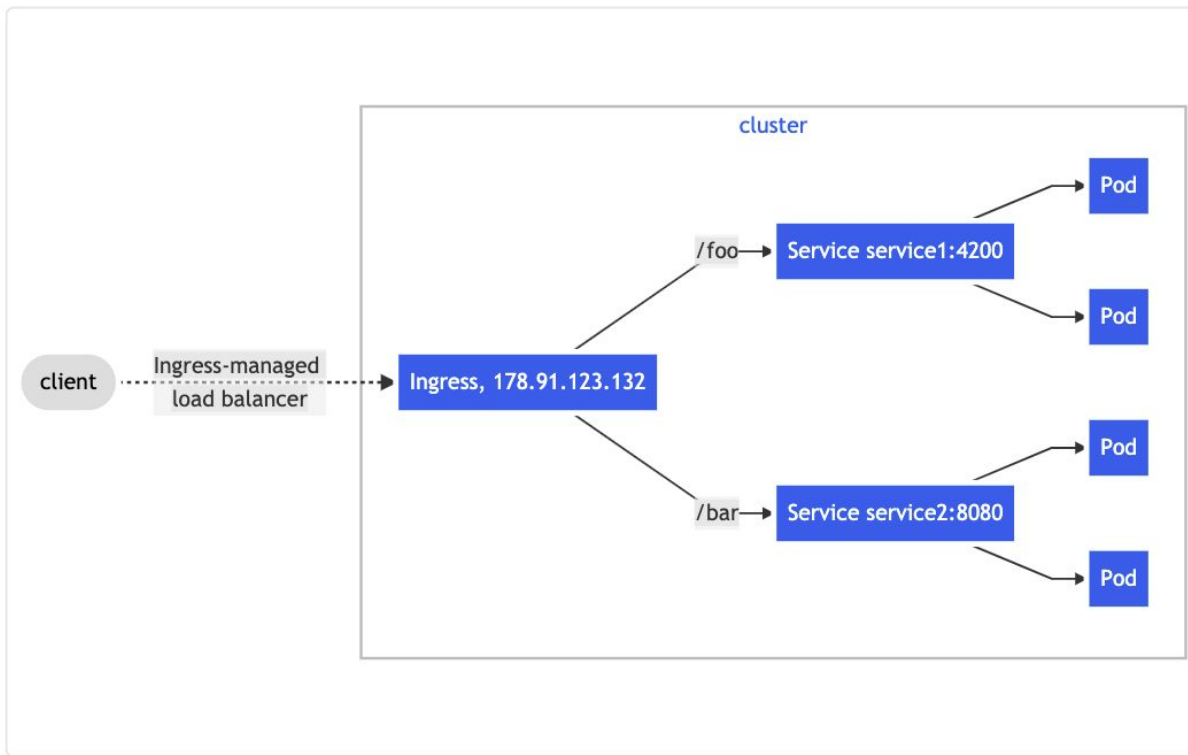
Ingress



"An Ingress is a collection of rules that allow inbound connections to reach the cluster Services."

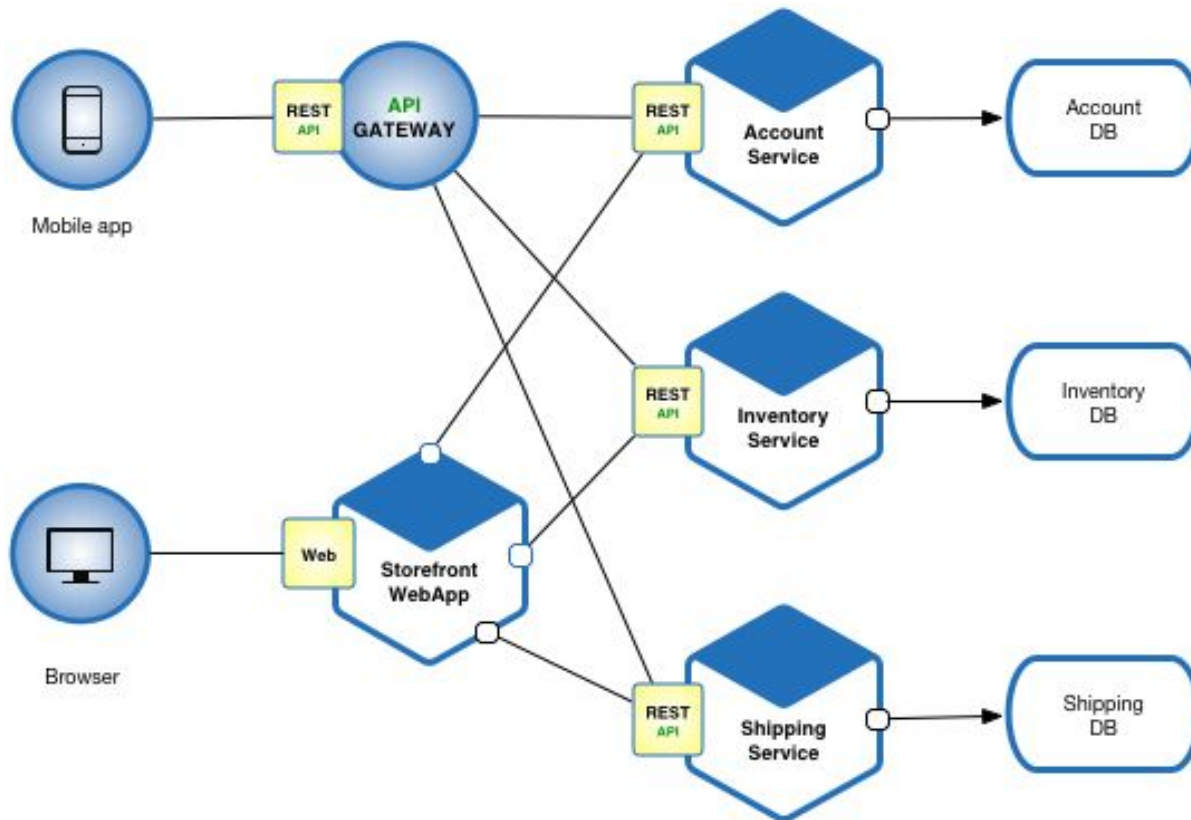


Ingress





Ingress





Ingress

With Ingress, users do not connect directly to a Service. Users reach the Ingress endpoint, and, from there, the request is forwarded to the desired Service.

```
apiVersion: networking.k8s.io/v1beta1
kind: Ingress
metadata:
  name: ingress-service
  annotations:
    kubernetes.io/ingress.class: 'nginx'
    nginx.ingress.kubernetes.io/use-regex: 'true'
    nginx.ingress.kubernetes.io/rewrite-target: /$1
spec:
  rules:
    - http:
        paths:
          - path: /?(.*)
            backend:
              serviceName: web-service
              servicePort: 3000
          - path: /load/?(.*)
            backend:
              serviceName: php-apache-service
              servicePort: 80
```



THANKS!

Any questions?

You can find me at:

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Students, write your response!