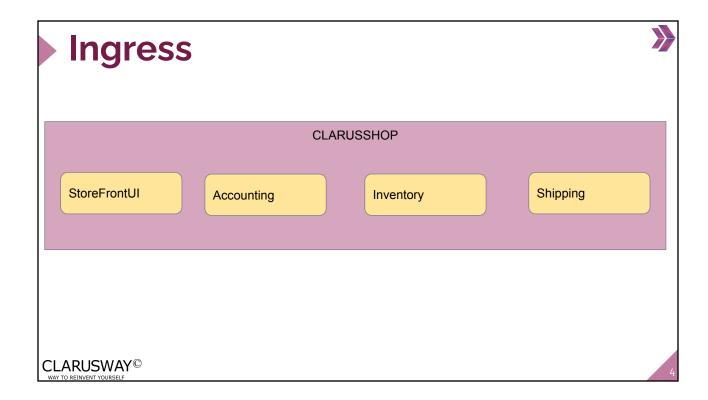
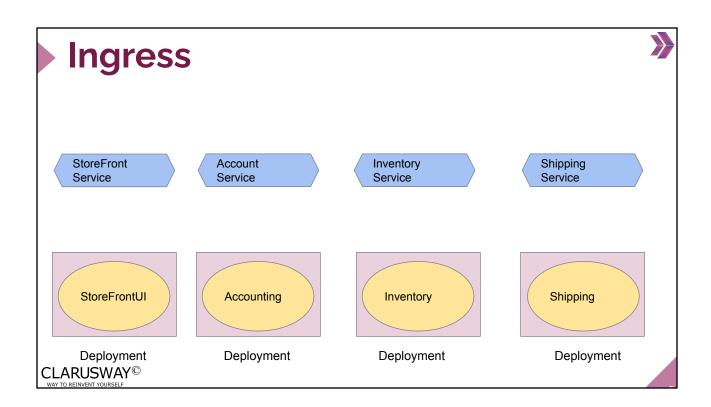


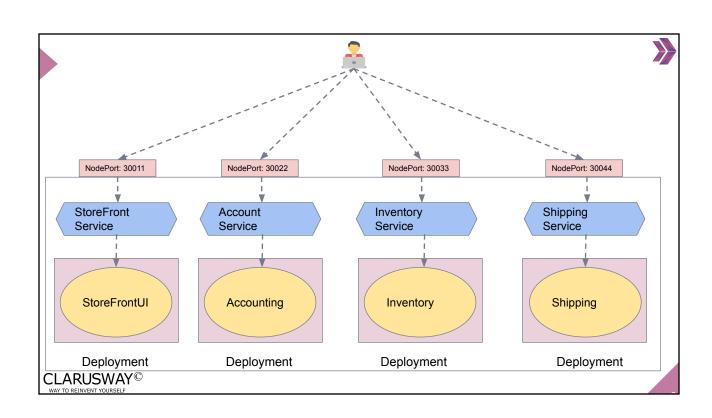
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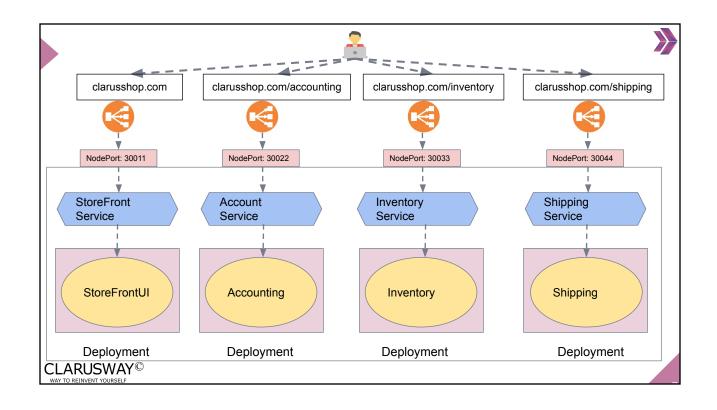
- Ingress
- StorageClass

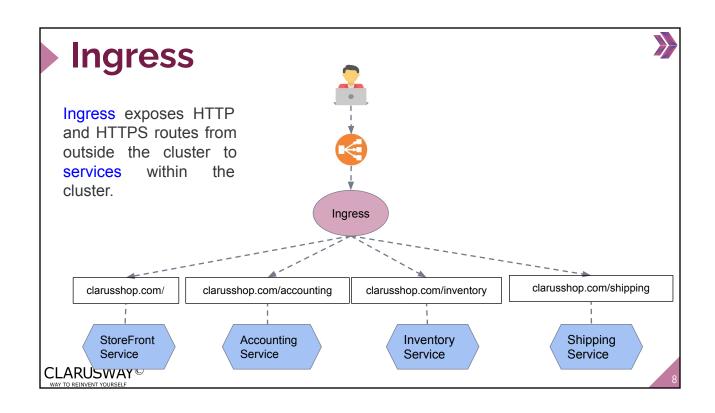








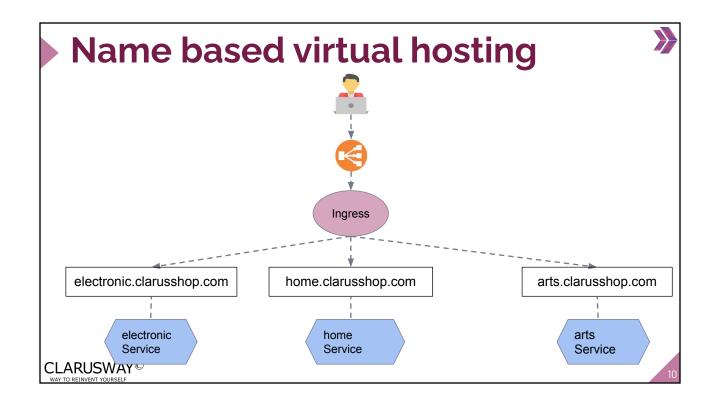




Ingress

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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.



Name based virtual hosting

Name-based virtual hosts support routing HTTP traffic to multiple host names at the same IP address.

```
- host: home.clarusshop.com
     pathType: Prefix
backend:
```

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Storage Class



The interaction between PVs and PVCs



Provisioning

There are two ways PVs may be provisioned: statically or dynamically.

Static

A cluster administrator creates a number of PVs. They carry the details of the real storage, which is available for use by cluster users. They exist in the Kubernetes API and are available for consumption.

Dynamic

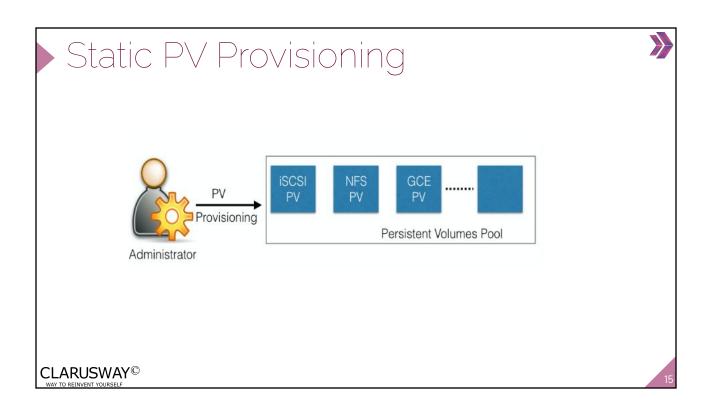
When none of the static PVs the administrator created match a user's PersistentVolumeClaim, the cluster may try to dynamically provision a volume specially for the PVC. This provisioning is based on **StorageClasses**.

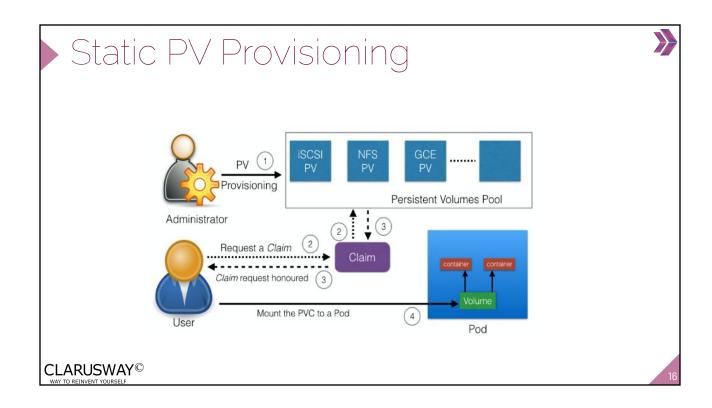


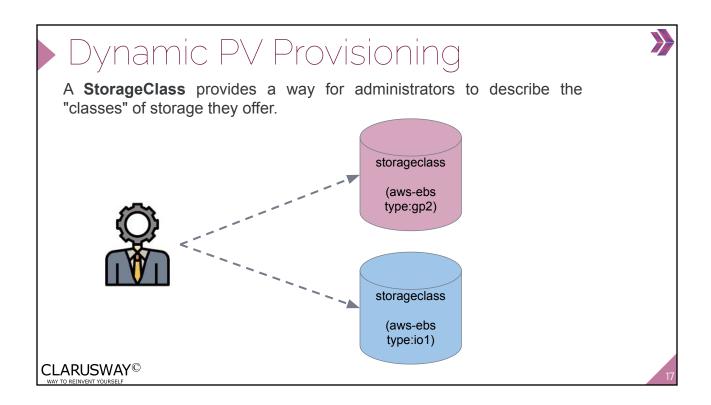
The interaction between PVs and PVCs

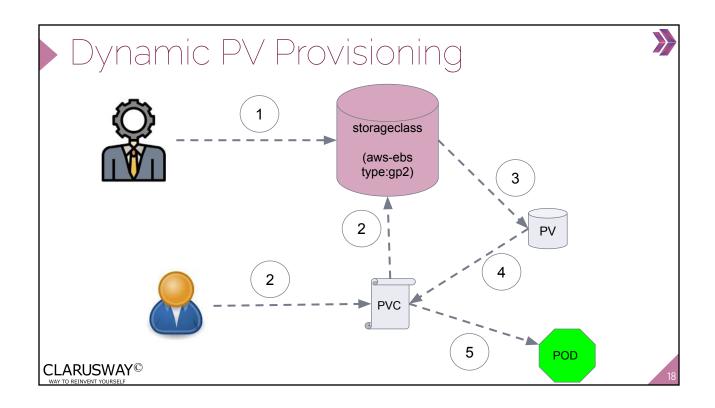
Static Dynamic

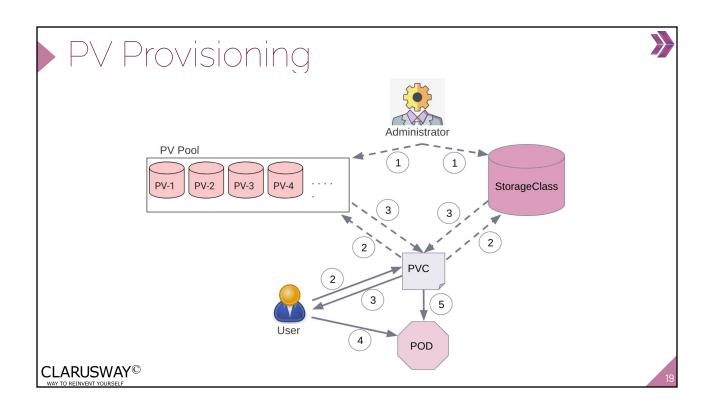
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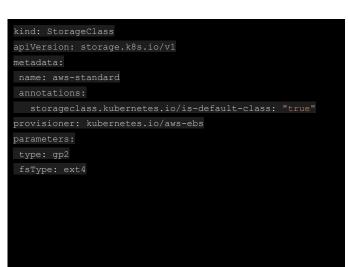












Provisioner: Each StorageClass has a provisioner that determines what volume plugin is used for provisioning PVs.

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





