Keystone Federated Swift: Getting the Most Out of your Object Storage in a Federated Environment

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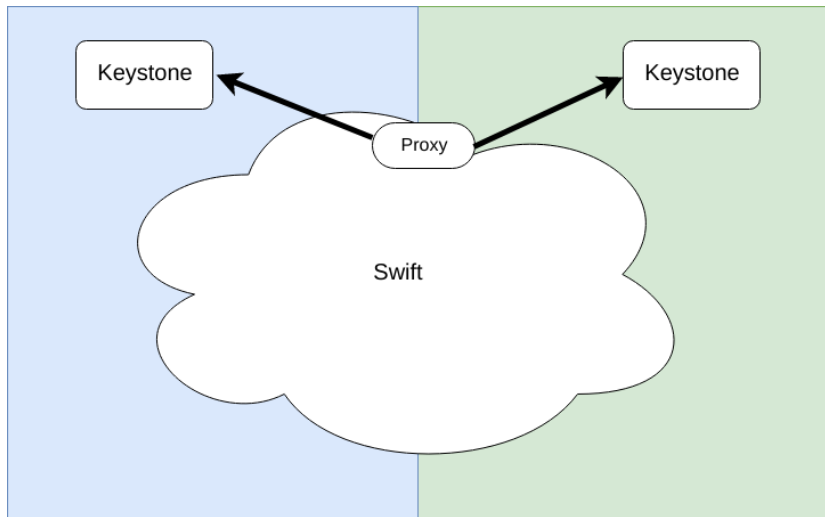matt@oliver.net.au
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https://github.com/mtreinish/swift-keystone

Why Keystone Federation?

How it works

Keystone with Swift

False Federation
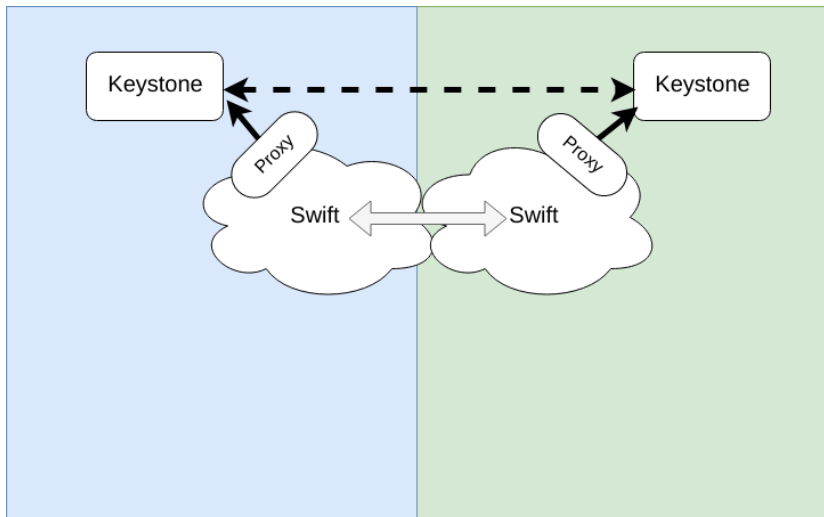
Pros/Cons of False Federation

Advantages:

- ▶ Simple to setup

Disadvantages:

- ▶ Duplicate Identity with no sharing

Separate Swift Clusters
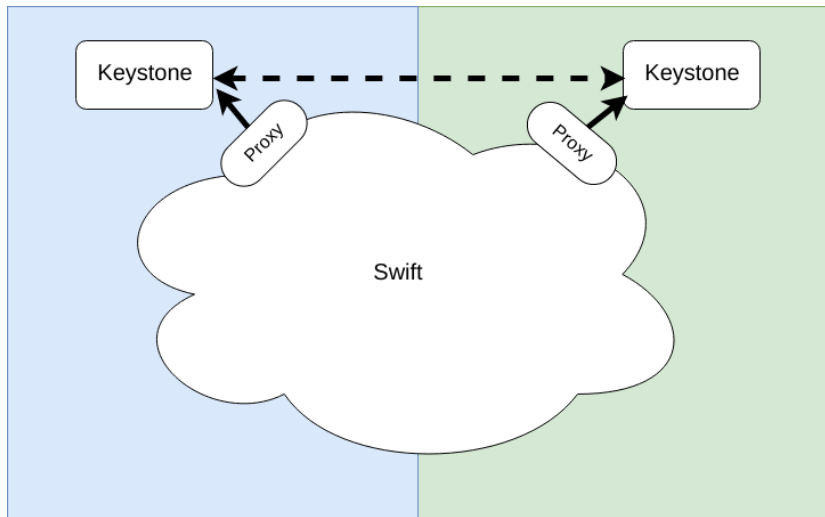
Pros/Cons of Separate Clusters

Advantages:

- ► Data isolation

Disadvantages:

- ► Complexity

Global Swift Cluster

Pros/Cons of Separate Clusters

Advantages:

- ► Only maintain single swift cluster

Disadvantages:

- ► Data shared

Where to get more information

- Blog Post Series: https://oliver.net.au/?p=335
- openstack-dev ML: openstack-dev@lists.openstack.org
- Details on Keystone Federation:
  http://www.gazlene.net/demystifying-keystone-federation.html
- These Slides: https://github.com/mtreinish/swift-keystone