Introduction : Multi-Cloud

https://github.com/sodafoundation/multi-cloud

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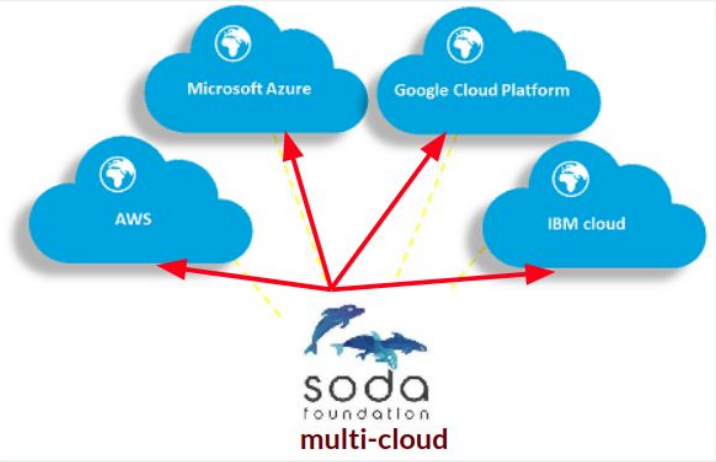
Definition

- SODA Multi-cloud project provides a cloud vendor agnostic data management for hybrid cloud, intercloud or intracloud. It provides an s3-compatible interface. It can be hosted on prem or cloud native.

- It provides a backend manager which is S3 compatible to connect with any cloud vendors. It supports various cloud backends like MS Azure, GCP, AWS, Huawei, IBM and more. It also supports Ceph backed to enable on-prem. We have also integrated some optimizations and also YIG-Ceph backend from China Unicom YIG project.



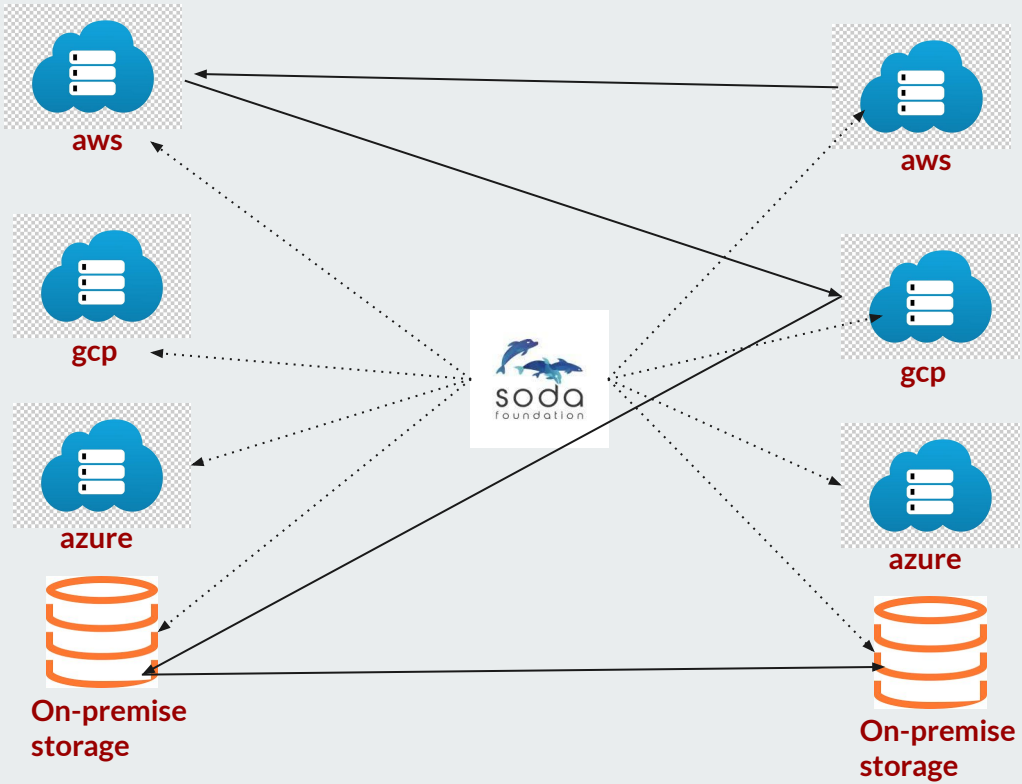
Key Points:

- Manage multiple clouds/storages from single point
- Provisioning (ex: CRUD Bucket)

- Dataflow:
  a. Migration
  b. LifeCycle management

- Storage Service Plan (SSP): smart thinking

High level data flow



Multi-cloud with SSP(Storage Service Plan)

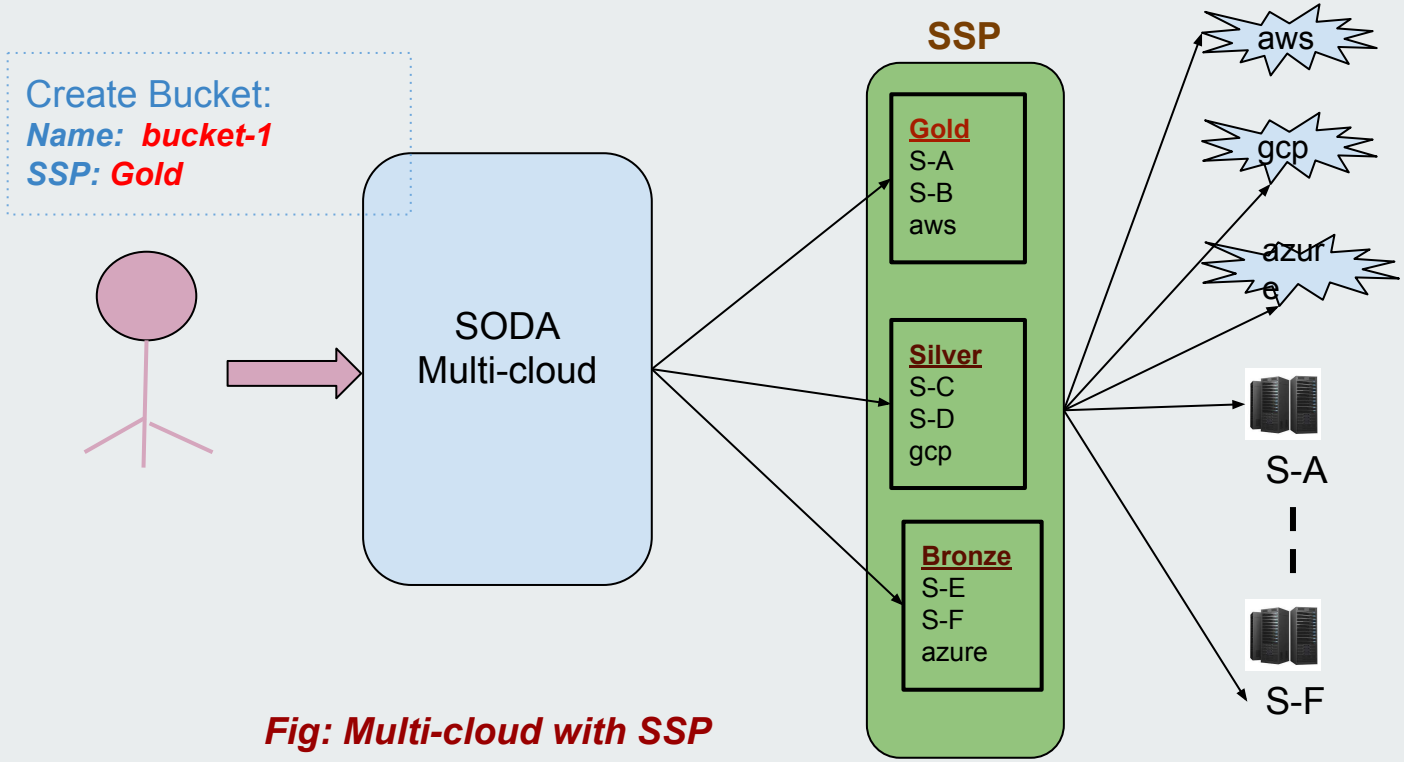


Fig: Multi-cloud with SSP

Thank You!!!