

Multi Cloud Gateway (MCG) - NooBaa - Deep dive

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DEFINITION FOR A COMMON UNDERSTANDING

The MCG component of Red Hat Open Data Foundation (RHODF) is also commonly referred to as NooBaa. There are several utilities that can be used to interact with the buckets provided by MCG. The following tools will be reviewed and demoed:

Add buckets from different providers to the namespace, and access your data in one place to see a correlation of all your object buckets. Setting your preferred storage provider for writing enables seamless migration from and to multiple other storage providers.

Similar to what?

most of us have used abstraction
layers on various topics:

- **file systems**
- **directories**
- **proxies**

The official statement

Users can instantly connect to their existing data repositories on AWS, Azure, or any other object storage and create a unified view of all the data via a suitable AWS S3/Azure Blob API.

A namespace is the fastest way to migrate applications from one place to another or create a multi-cloud solution that will let you save the migration project and reduce the egress cost dramatically.

Personal conclusion

Noobaa will provide an administrative layer to abstract various maintenance tasks for administrators and end-users/developers.

Let's play a little bit (Hands on)

Day 0

Configuration tasks

- **configure Bucket connectors**
- **configure Buckets**
 - **mirror Buckets**
 - **distributed Buckets**
- **configure NS Bucket connectors**
- **configure NS Buckets**

Day 0

Development tasks

- **access Buckets**
 - **mirror verification**
 - **distribution verification**
- **access NS Buckets**

Day 1

Development tasks

- **read/write mirrored Buckets during maintenance**
 - **disable one side of the mirror**
 - **hard fail one side of the mirror**
- **read/write NS Buckets during maintenance**
 - **disable one part of the NS Bucket**
 - **hard fail one part of the NS Bucket**

ABOUT MYSELF

- Name: Michaela Lang
- Job Title: Technical Account Manager (TAM)
- Located: Vienna, Austria
The city of classical music composers like Wolfgang Amadeus Mozart
- Age: you shall not ask this question
- Weight: see above, and I am of age 45
- Experience: System, Network, High Availability, Storage Administration for 23 years
- Hobbies: from riding motorcycles and serving caribbean Cocktails to dog-loving and tech nerdy being

Questions ?