

Using Apache CouchDB Operator for Data Portability



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OpenShift Commons Briefing



IBM Cloud

The speakers:



Josh Mintz
Senior Offering Manager
IBM Cloud Databases



Will Holley
Engineering
IBM Cloudant
Operator for Apache CouchDB

A bit about our history

IBM Cloudant

Petabytes of data under management

Database backbone of IBM Cloud

Fully compatible with Apache CouchDB

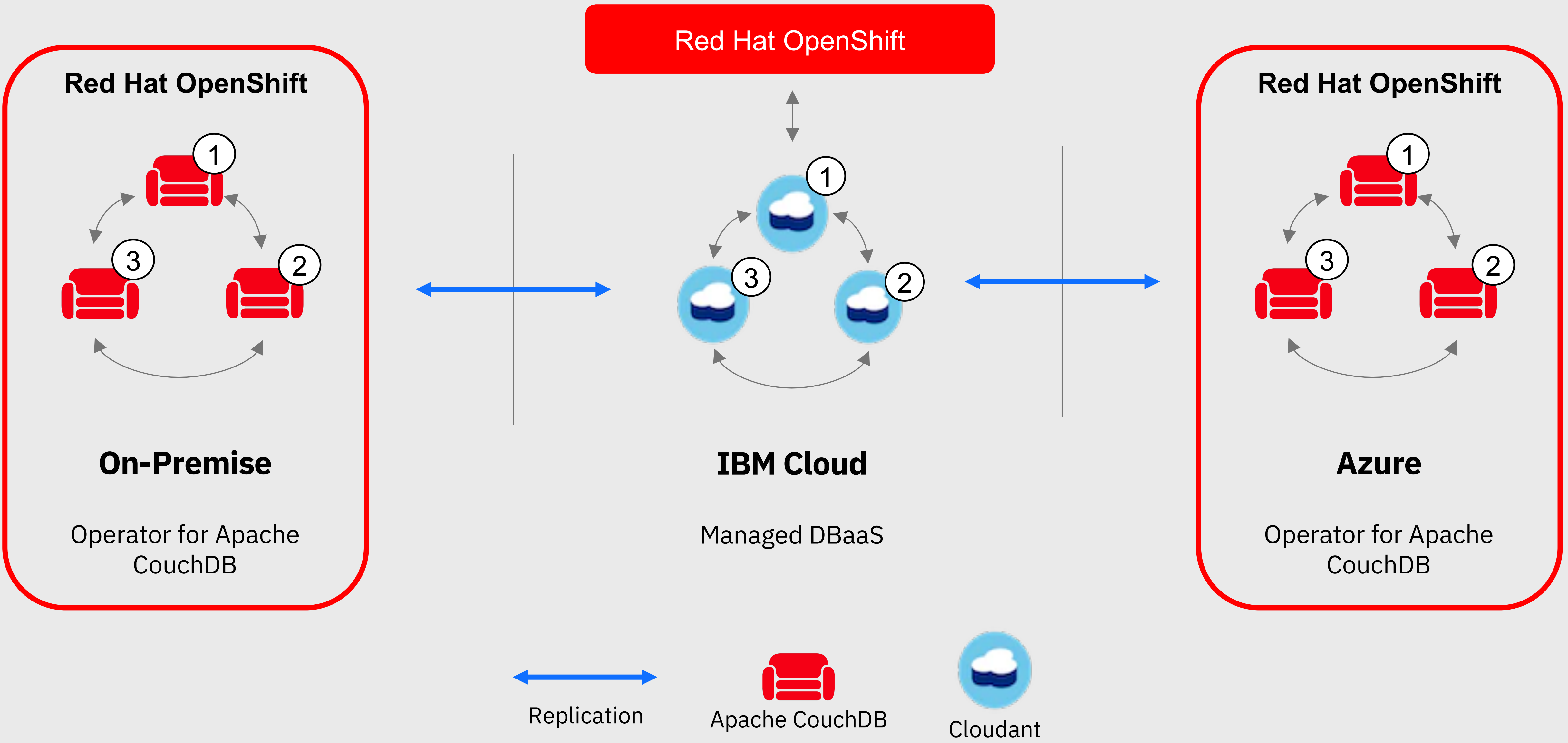
in·stance /'instəns/ *noun*

A highly available deployment of Cloudant across 3 data members

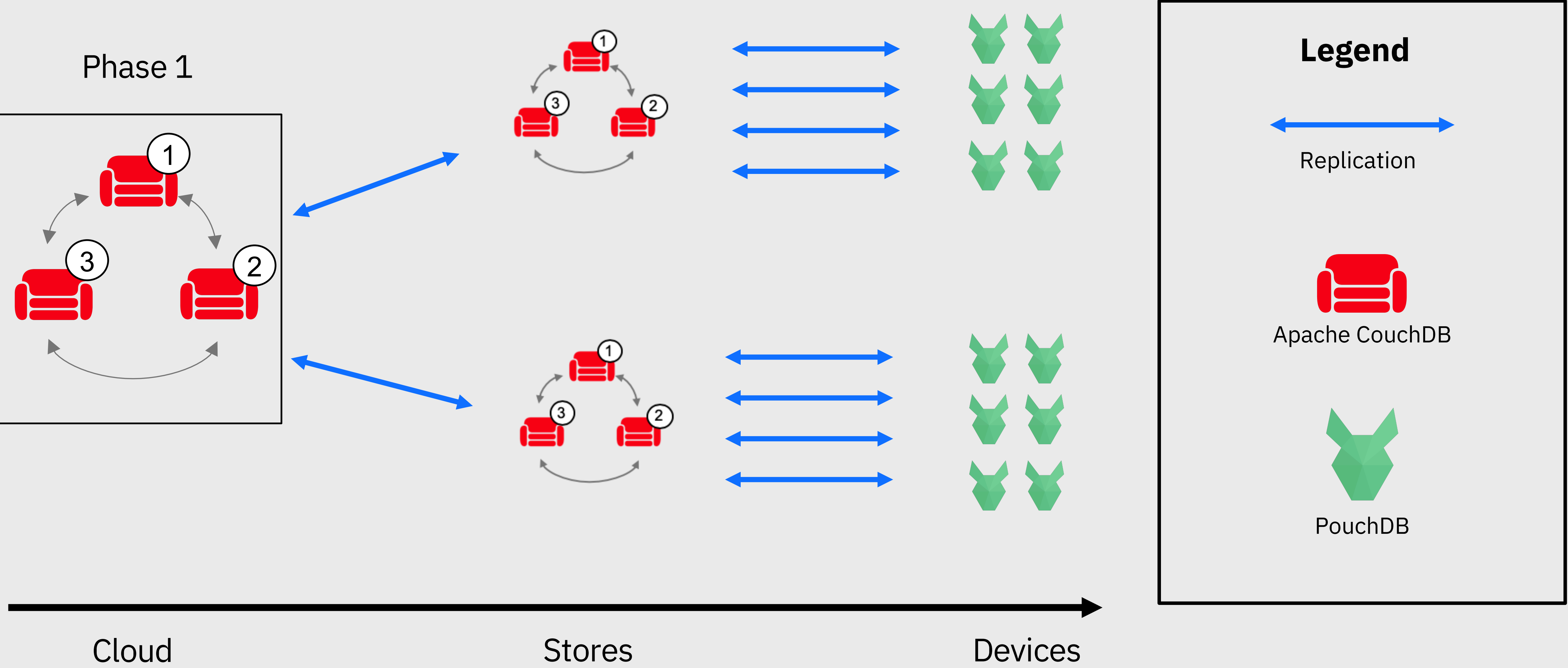
Apache CouchDB features:

- JSON document store
- HTTP API
- Premium on data durability
- Multi-master clustering
- Data sync for data movement or active-active set up
- Continuous changes feed
- Full-Text Search
- API Compatible with PouchDB, RxDB, IBM Cloudant
- Scales from Public Cloud to Raspberry Pi

Building a...Open Hybrid Multicloud



From **Cloud** to **Device** with **Apache CouchDB**



Resources

- Operator <https://operatorhub.io/operator/couchdb-operator>
- Documentation <https://cloud.ibm.com/docs/services/Cloudant?topic=cloudant-apache-couchdb-operator>
- What is Apache CouchDB <https://www.youtube.com/watch?v=aOE90VAVOcU>
- Apache CouchDB:
Website <https://couchdb.apache.org>
Slack <https://couchdb.apache.org/#chat>
Git <https://github.com/apache?q=couchdb>