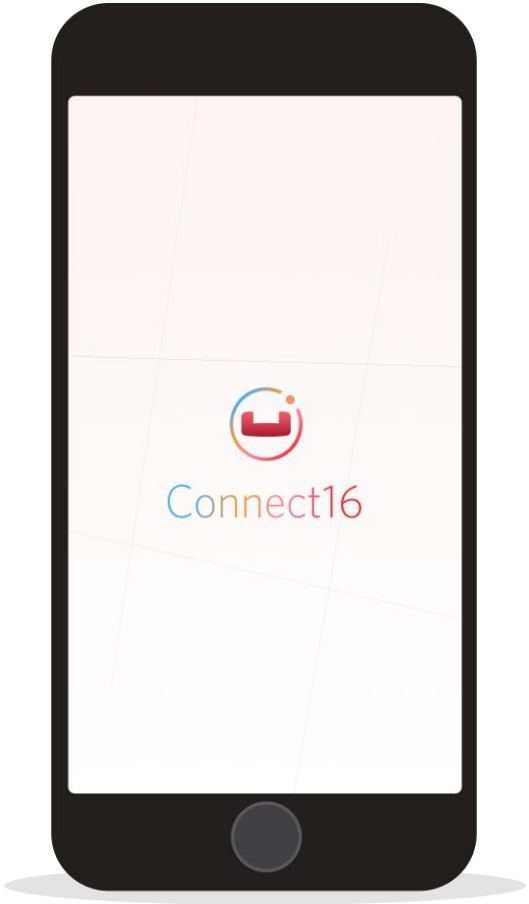

The Couchbase Connect16 mobile app

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Workshop 1 – Setting up Couchbase

Agenda

- Installation locally
- Installation on cloud (Amazon / Azure)
- Installation with Docker
- Basic Configuration

Couchbase
DEVELOPER COMMUNITY

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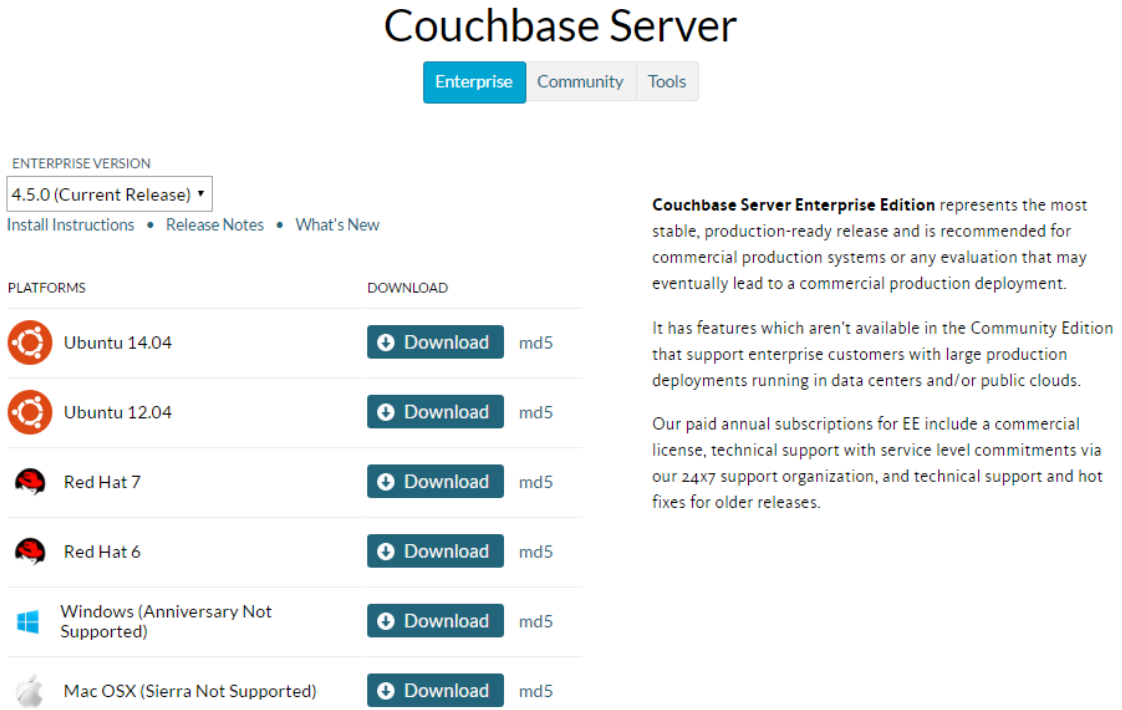
Part 1 – Installing Couchbase Server

Install Locally: Windows/Mac/Ubuntu

- http://couchbase.com/nosql-databases/downloads
- USB thumb drives are available



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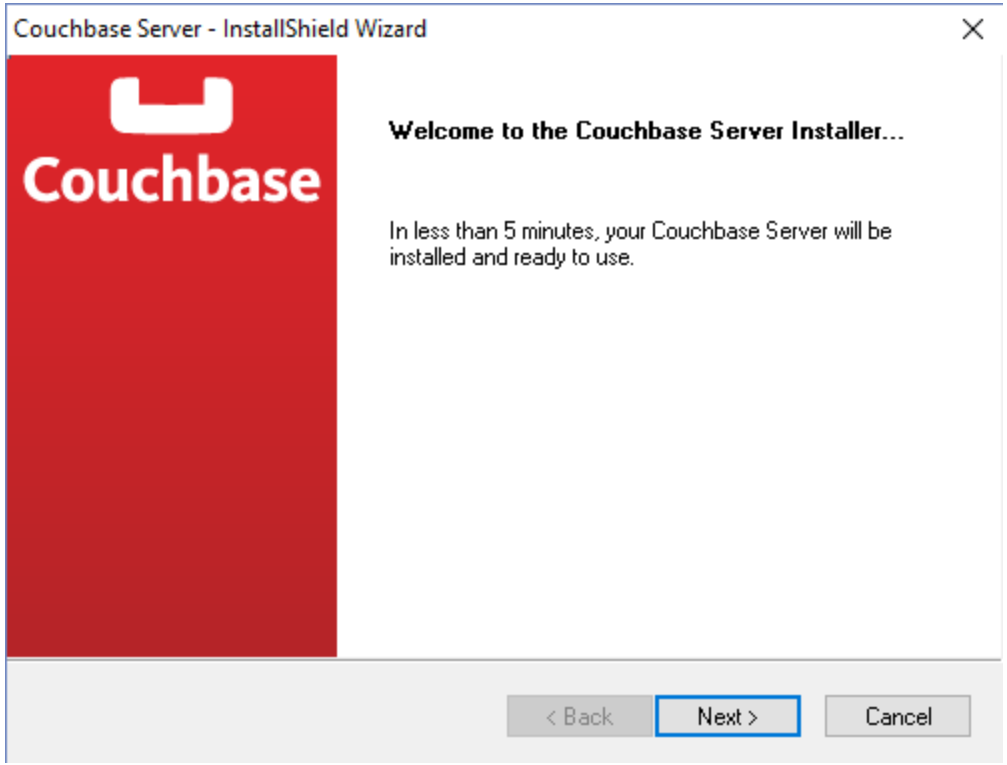
Install



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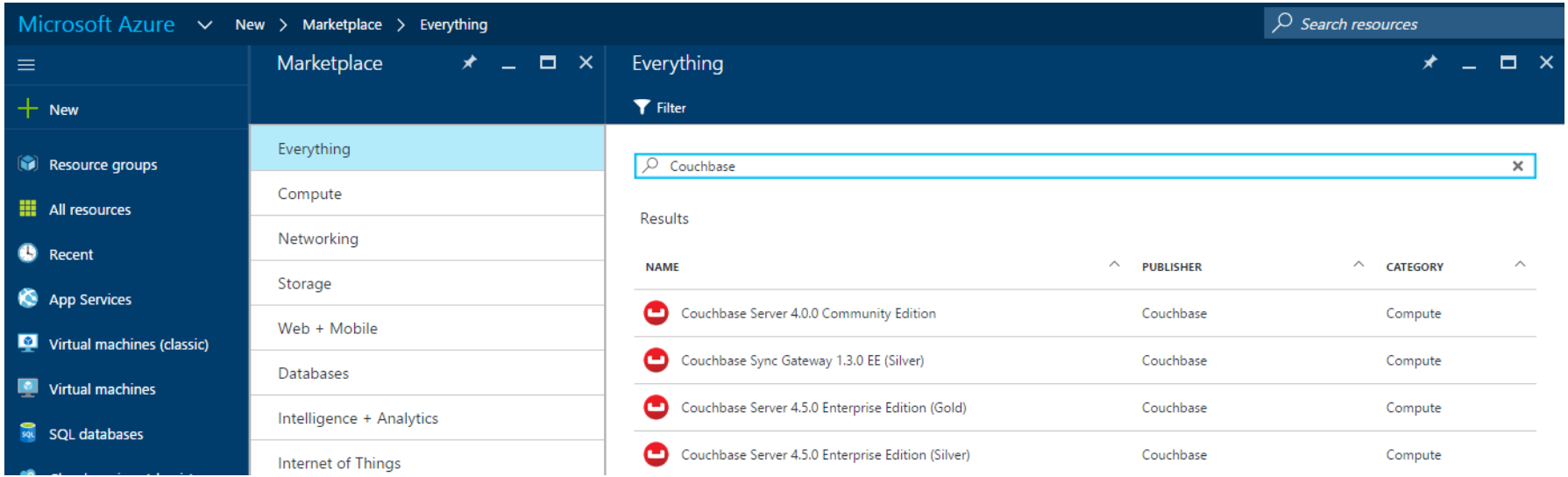
Install on Cloud: Azure

- https://azure.microsoft.com/en-us/marketplace/partners/couchbase/
- https://portal.azure.com



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Install on Cloud: Azure

- Select Couchbase Server, click Create
- Step 1 Basics: Name, user name, Auth type, Password, Subscription, Resource Group, Location
- Step 2 Size: Pick a size (4 cores, 4gb RAM recommended)
- Step 3 Settings:
  - Virtual network -> subnet name
  - Network security group -> add inbound rule (TCP, source port *, destination port *)
  - Network security group -> add outbound rule (TCP, destination port *, source port *)
- Step 4 Summary
- Step 5 Buy
- Wait for deployment
- Access Couchbase Console via the Public IP address, port 8091 (e.g. http://168.1.2.3:8091)
- Video: http://blog.couchbase.com/2016/june/couchbase-on-the-microsoft-azure-marketplace-video

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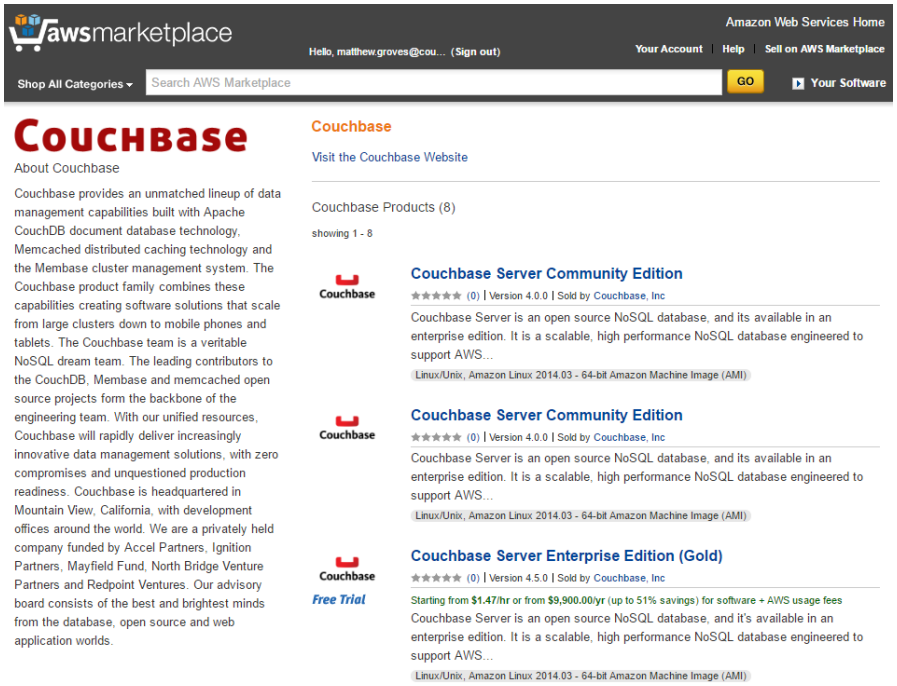
Install on Cloud: Amazon

- https://aws.amazon.com/marketplace
- https://aws.amazon.com/marketplace/seller-profile?id=1a064a14-5ac2-4980-9167-15746aabde72



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Install on Cloud: Amazon

- Select Couchbase Server, click Continue
- Choose pricing (4 cores, 4gb RAM recommended)
- Select VPC (or create new VPC)
- Select Security Group (or create new security group based on seller settings)
- Click "Accept"
- Wait for initialization (EC2 console)
- Access Couchbase Console via Public DNS port 8091 (e.g. http://ec2-52-1-3-4.compute-1.amazonaws.com:8091)

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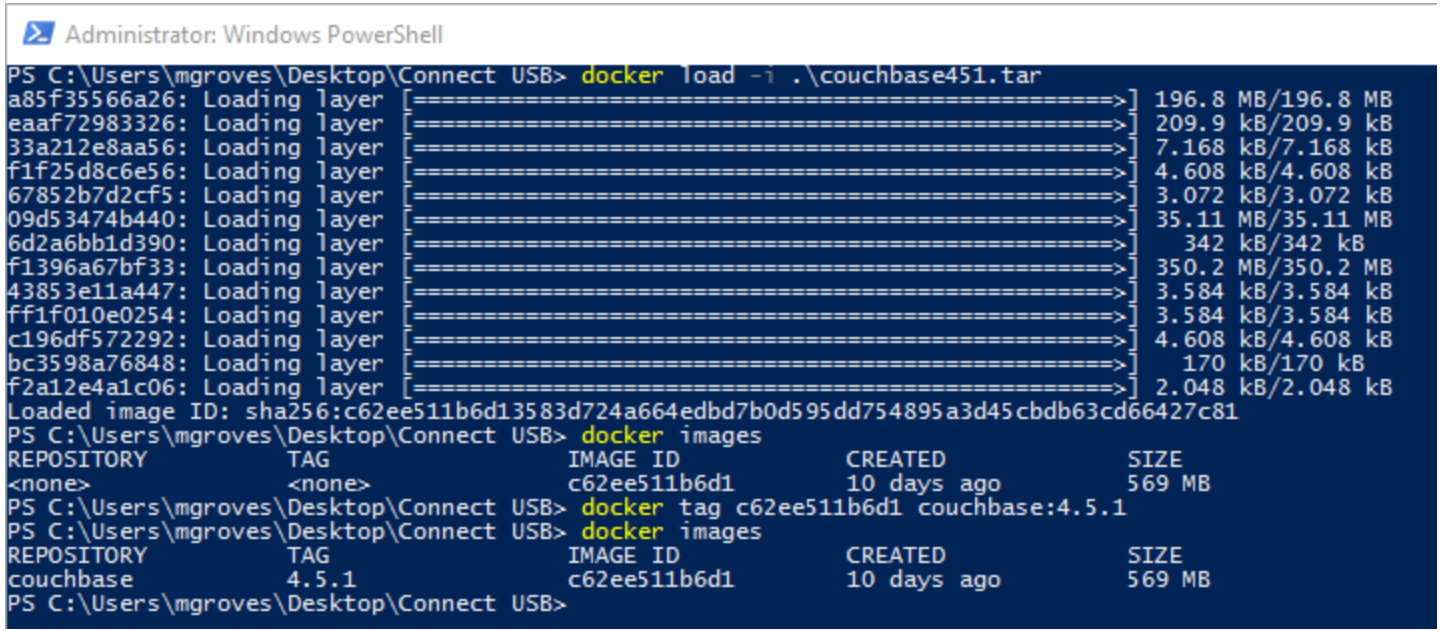
Install with Docker (offline)

- couchbase451.tar available on USB drives
- `docker load -i /the/path/to/couchbase451.tar`
- `docker tag c62ee511b6d1 couchbase:4.5.1`



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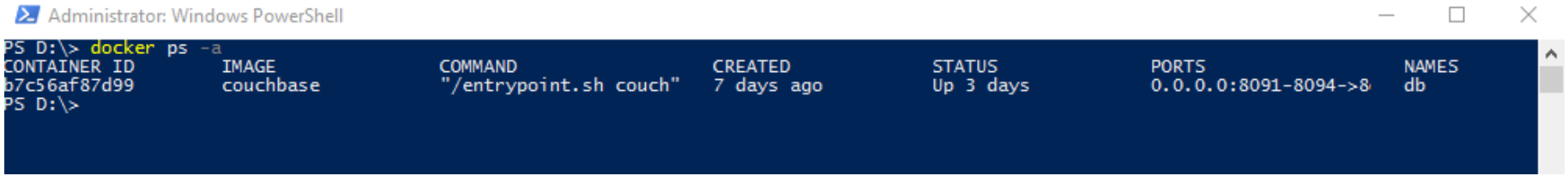
Install with Docker

- https://hub.docker.com/_/couchbase/
- `couchbase:4.5.1`
- `docker run -d --name db -p 8091-8094:8091-8094 -p 11207:11207 -p 11210-11211:11210-11211 -p 18091-18093:18091-18093 couchbase:4.5.1`
- `docker ps -a`



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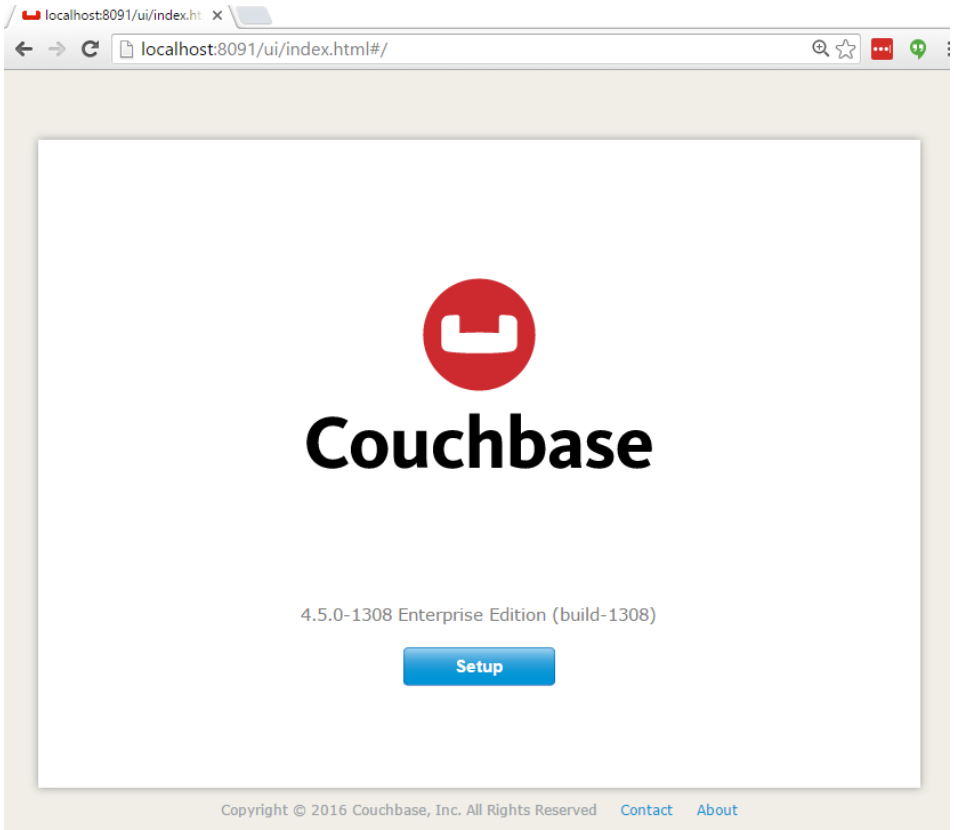
Configuration

- http://localhost:8091



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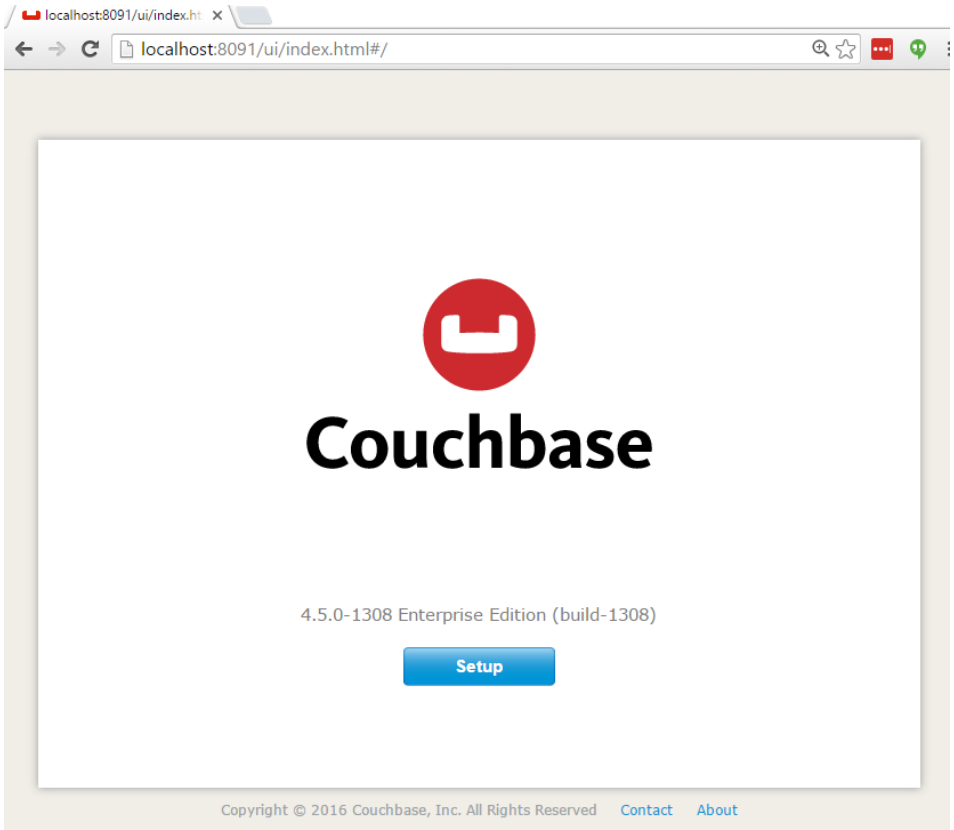
Part 2 – Configuring Couchbase Server

Configuration

- http://localhost:8091



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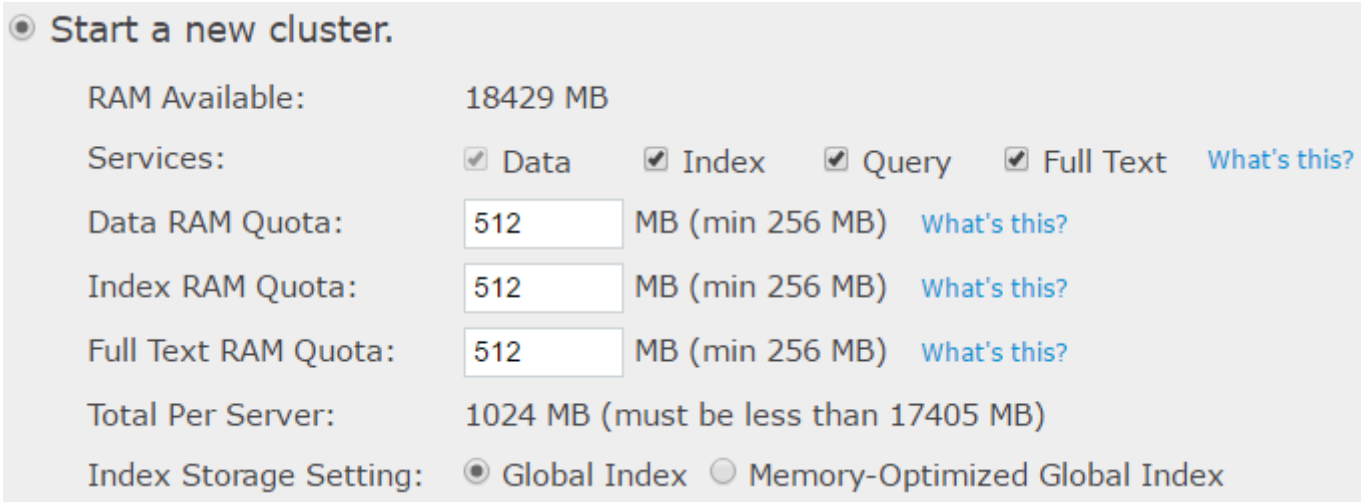
Configuration



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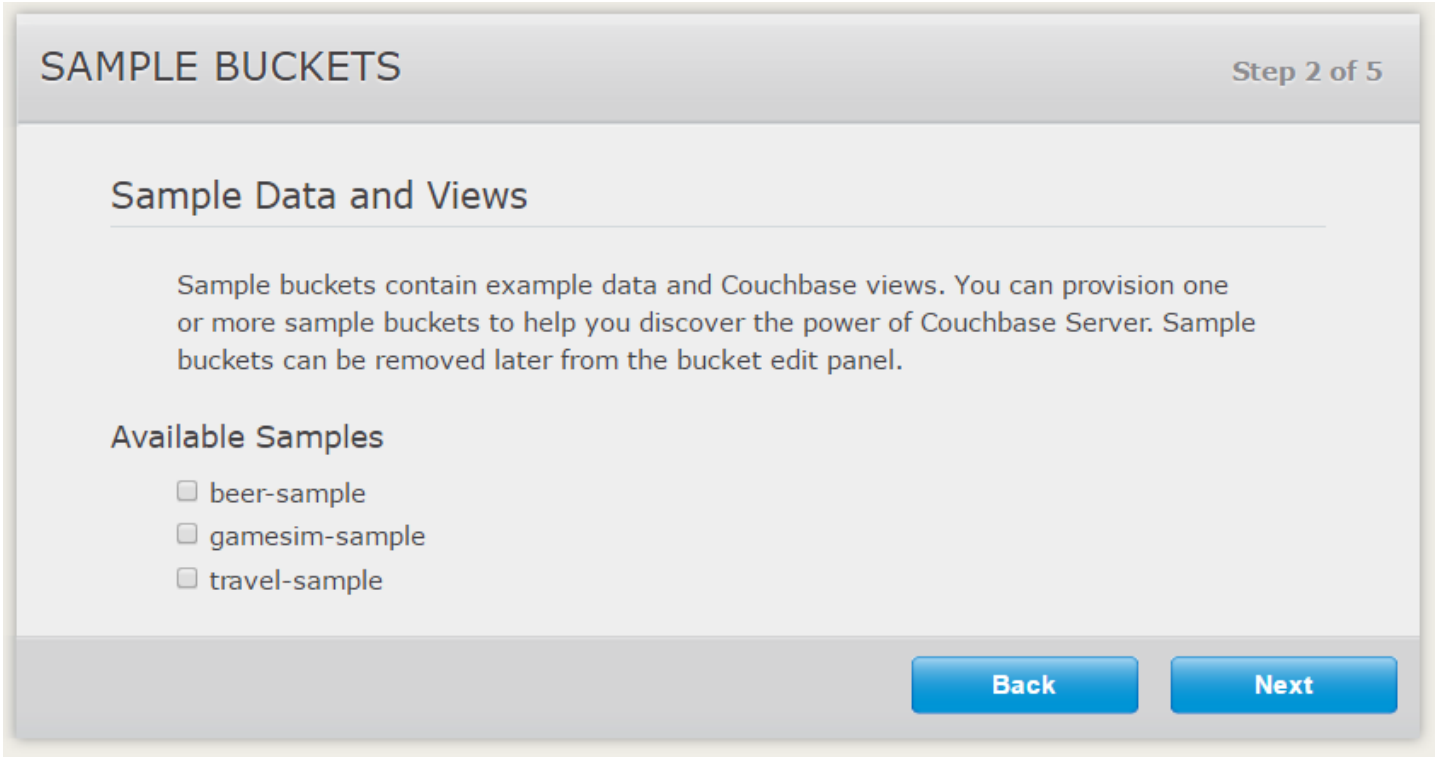
Configuration



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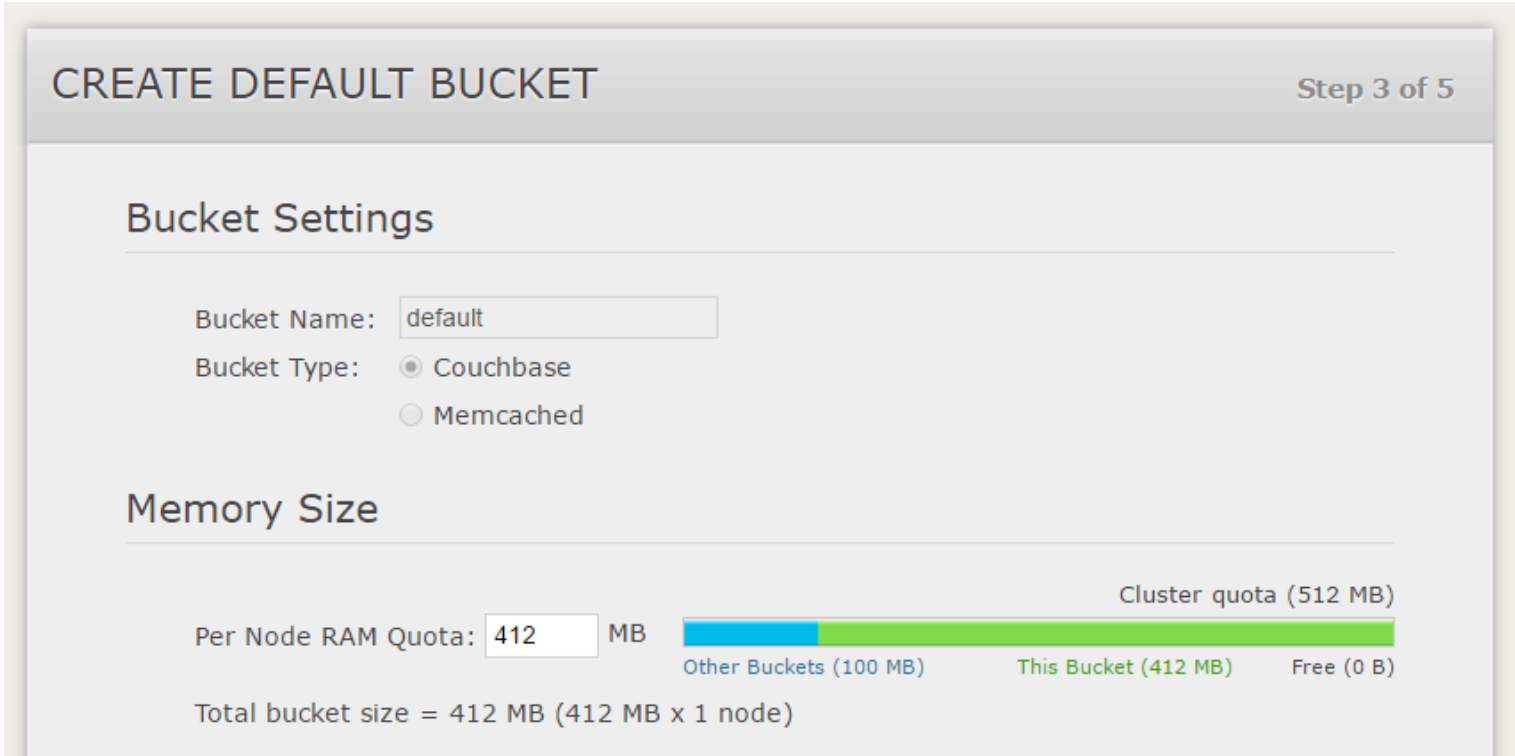
Configuration



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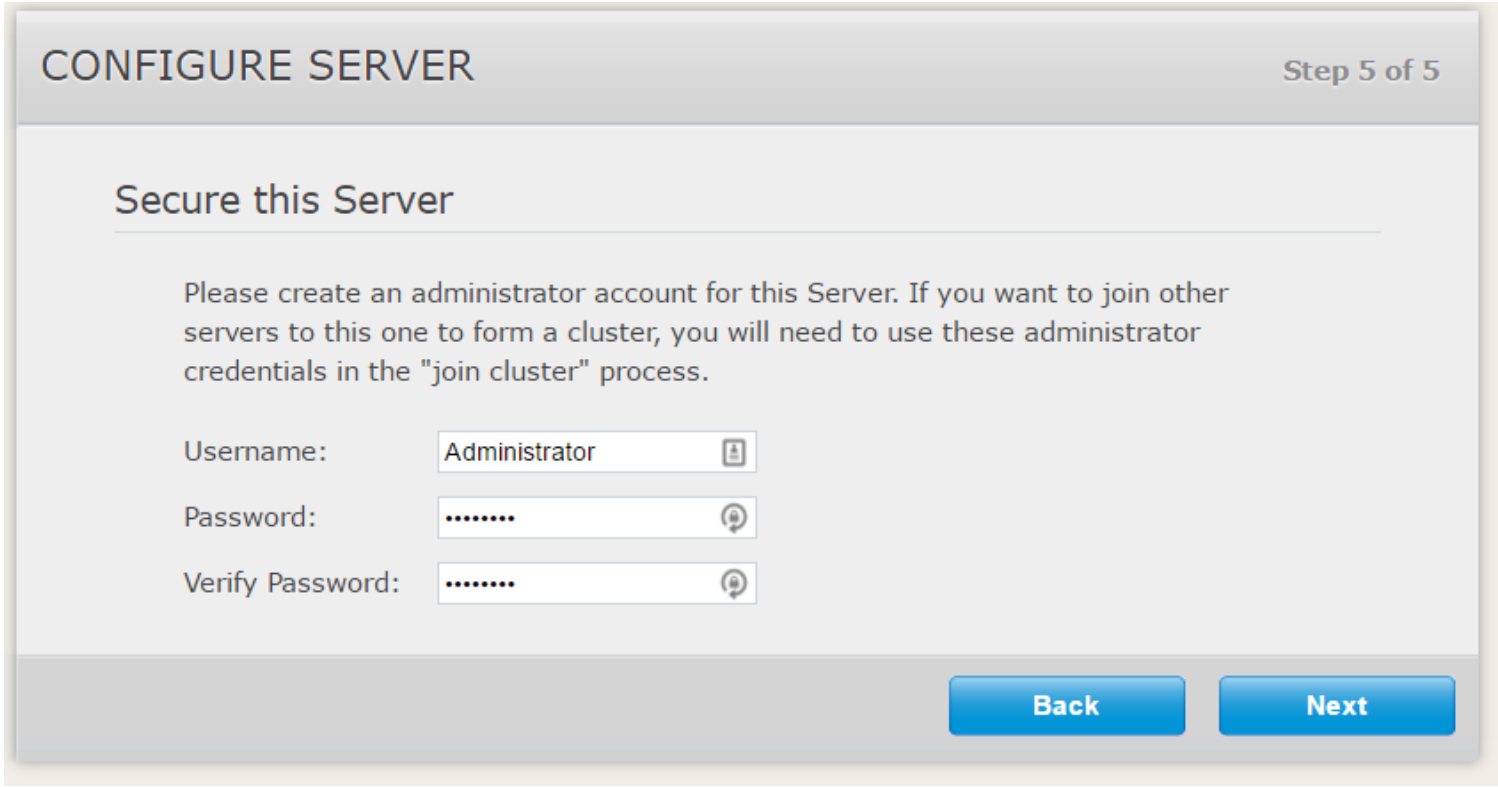
Configuration



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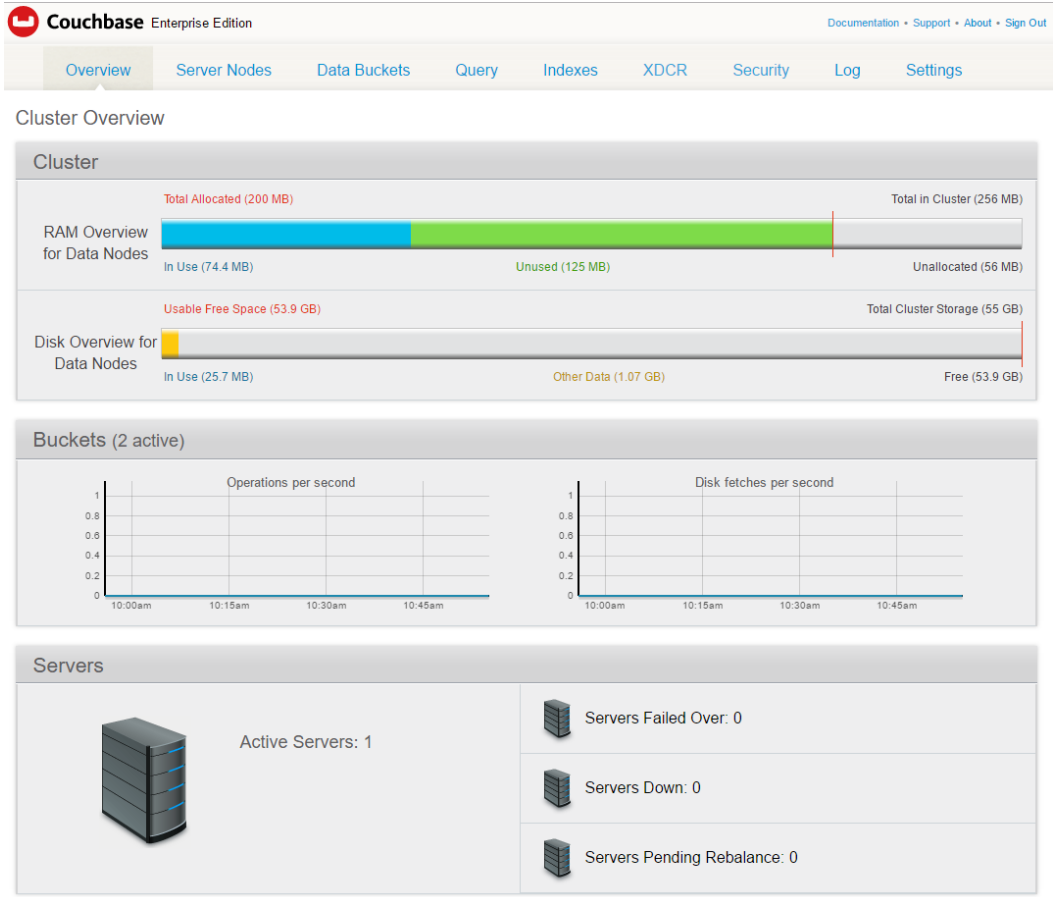
Configuration



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Questions