

What is MongoDB Atlas?

Atlas is

Your database
in the cloud
for this course
and beyond



MongoDB is used
at the core of Atlas
for data storage
and retrieval

Database as
a service

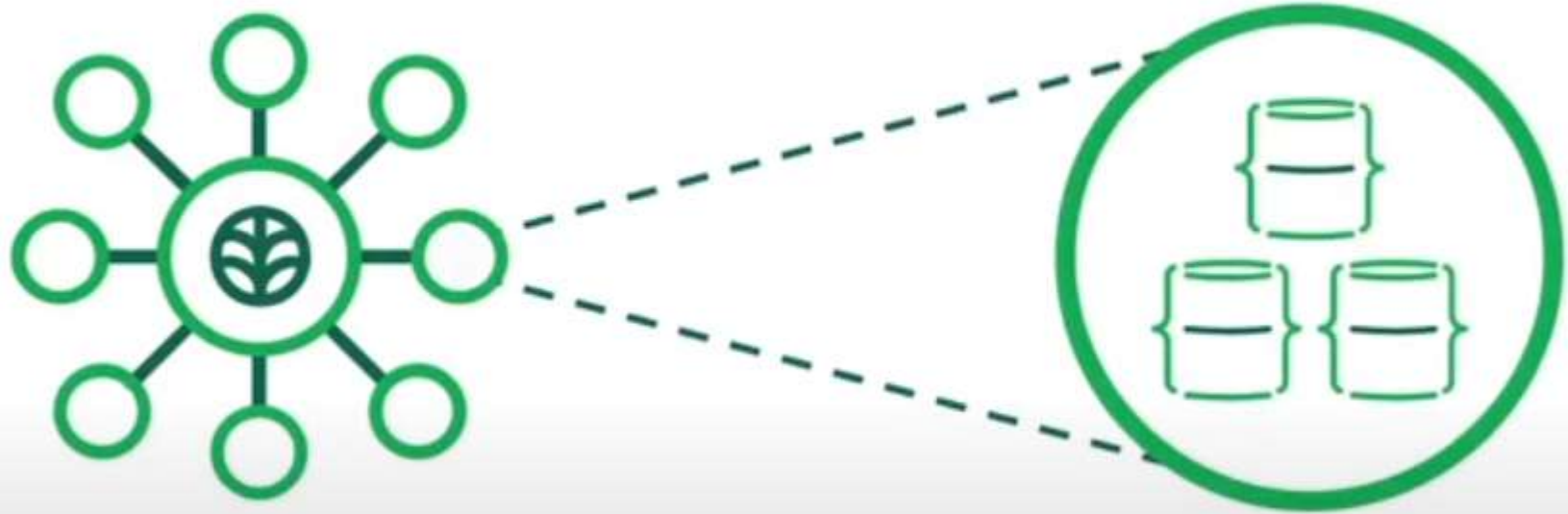
We will use Atlas to setup database at the cloud

Cluster deployment



Clusters

A group of servers that
stores your data



Cluster deployment

to ensure that if something happens to one of the machines the data will remain intact. Come from the word replicate - to copy something.



Clusters

A group of servers that stores your data



Replica set

A few connected MongoDB instances that store the same data

in our case it is the MongoDB database that run on the cloud.

Instance: a single machine locally or in the cloud, running a certain software



Cluster deployment



Clusters

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Replica set

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Single cluster in Atlas

Automatically configured as a replica set

Atlas



Services



Manage cluster creation



Run and maintain database deployment



Use cloud service provider of your choice



Experiment with new tools and features

from MongoDB

Pricing



Atlas free tier → Free cluster



3-server replica set



512 MB storage



Never expires

Some free tier features



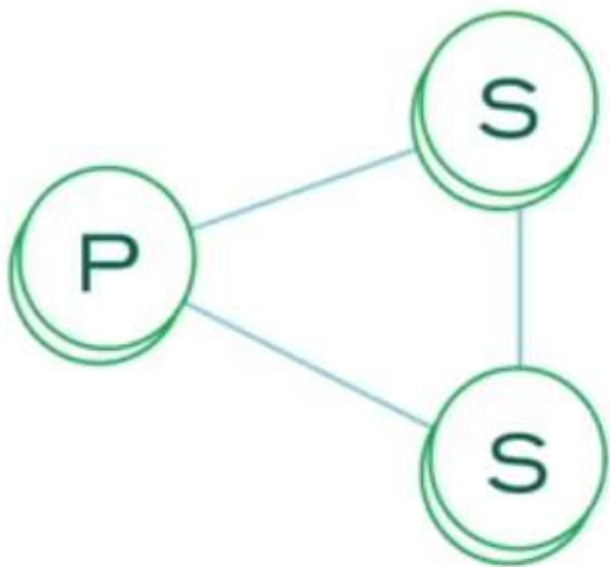
Charts



Realm



Small-scale apps



Deploy locally

Configure locally

Maintain local deployment

This course is good if you wanna learn that

MongoDB Admin
Course

MongoDB Atlas

Clusters are groups of servers that store your data

Replica Sets are a set of a few connected mongodb instances that store the same data