MongoDB.

Deploy your database

Use a template below or set up advanced configuration options. You
can also edit these configuration options once the cluster is created.

M10	$0.08/hour
For production applications with sophisticated workload requirements.	

STORAGE	RAM	vCPU
10 GB	2 GB	2 vCPUs

⊕ Backups, elastic scalability, & more.

SERVERLESS	$0.10/1M reads
For application development and testing, or workloads with variable traffic.	

STORAGE	RAM	vCPU
Up to 1 TB	Auto-scale	Auto-scale

⊕ Backups, elastic scalability, & more.

M0	FREE
For learning and exploring MongoDB in a cloud environment.	

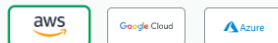| STORAGE	RAM	vCPU
512 MB	Shared	Shared

Compare Features

FREE

Create

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

I'll deploy my database later

Compare Features

Provider

aws   Google Cloud   ▲ Azure

Region   ★ Recommended region ⓘ

🇮🇳 Mumbai (ap-south-1) ★   ▼

Name
You cannot change the name once the cluster is created.

Cluster0

Tag (optional)
Create your first tag to categorize and label your
resources; more tags can be added later. Learn more.

Select or enter key   :   Select or enter value

FREE

Create

Free forever! Your M0 cluster is ideal for experimenting in a limited sandbox. You can upgrade to a production cluster anytime.

I'll deploy my database later

Access Advanced Configuration

📁 Project 0 ▾   ⋮   **Data Services**   App Services   Charts

DEPLOYMENT
Database
Data Lake

SERVICES
Device Sync
Triggers
Data API
Data Federation
Search
Stream Processing

SECURITY
Quickstart

Database Access Page.

Username

Enter username

Password 👁

Enter password   🔑 Autogenerate Secure Password   📋 Copy

Create User

Username	Authentication Type		
skrish07	Password	✏ EDIT	🗑 REMOVE

📁 Project 0 ▾   ⋮   **Data Services**   App Services   Charts

DEPLOYMENT
Database
Data Lake

SERVICES
Device Sync
Triggers
Data API
Data Federation
Search
Stream Processing

SECURITY
Backup
Database Access
Network Access
Advanced

K SHYAM KRISHNAN'S ORG - 2023-07-19 > PROJECT 0

Database Deployments

🔍 Find a database deployment...   ＋ Create

⬇ **Load sample datasets to Cluster0.**
Atlas provides sample data you can load into your Atlas clusters. You can use this data to quickly get started exploring with data in MongoDB.   Load sample dataset   Dismiss

🍃 **Cluster0**   Connect   View Monitoring   Browse Collections   ⋯   FREE   SHARED

🍃 **Visualize Your Data**

Build dashboards and charts, and embed them in your apps with MongoDB Charts.

Dismiss   Explore Charts

● R 0 ⓘ	Connections 0 ⓘ	● In 0.0 B/s ⓘ	Data Size ⓘ
● W 0		● Out 0.0 B/s	0.0 B / 512.0 MB (0%)
Last 7 minutes	Last 7 minutes	Last 7 minutes	Last 7 minutes
100.0/s	100.0	100.0 B/s	512.0 MB

Connect to Cluster0

Set up connection security — ② Choose a connection method — ③ Connect

Connect to your application

	Drivers	
⬜ 1011 1011	Access your Atlas data using MongoDB's native drivers (e.g. Node.js, Go, etc.)	›

Access your data through tools

	Compass	
◉	Explore, modify, and visualize your data with MongoDB's GUI	›

	Shell	
>_	Quickly add & update data using MongoDB's Javascript command-line interface	›

	MongoDB for VS Code	
🧩	Work with your data in MongoDB directly from your VS Code environment	›

	Atlas SQL	
🧩 SQL	Easily connect SQL tools to Atlas for data analysis and visualization	›

Go Back   Close

Connecting with MongoDB Driver

1. Select your driver and version

We recommend installing and using the latest driver version.

Driver

Node.js ▼

Version

5.5 or later ▼

2. Install your driver

Run the following on the command line

```
npm install mongodb
```

View MongoDB Node.js Driver installation instructions. ⧉

3. Add your connection string into your application code

⬤ View full code sample

```
mongodb+srv://skrish07:<password>@cluster0.mlitavf.mongodb.net/?
retryWrites=true&w=majority
```

Replace **\<password>** with the password for the **skrish07** user. Ensure any option params are URL encoded ⧉ .

RESOURCES

Get started with the Node.js Driver ⧉

Access your Database Users ⧉

Node.js Starter Sample App ⧉

Troubleshoot Connections ⧉

Go Back

Close

CLICK NEXT

Build better apps faster with App Services

Seamlessly connect your data to mobile apps, websites, and other services with our fully managed services and APIs.
Learn more about App Services

1 **Link your Data Source** 〉

Template Starter Applications let you build on top of data in a MongoDB Atlas cluster.

Cluster0 ✏️

2 **Name your Application** ⌄

This name will be used internally and cannot be changed later.

App-X

Save

3 **App Deployment Model** 〉

You can change this later in your Application Settings. View Docs

Single Region • 🇮🇳 Mumbai (ap-south-1) • AWS │ Region chosen based on your cluster's region   Change

Back   **Create App Service**

Project 0   Data Services   App Services   Charts

Apps

App-X

NO ENVIRONMENT

App-X

App ID: app-x-ckjtz   AWS - Mumbai (ap-s

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Schema
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BUILD
Realm SDKs
Device Sync
GraphQL
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HTTPS Endpoints
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MANAGE
Linked Data Sources
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Logs
App Settings

Get Started With App Services   Vie

REALM CLI
Enable Local Development
with the Command Line
Interface.

Install SDKs an
with the SD

Metrics

Metrics sho

Recently Opened

Welcome to your Application Guides ✕

Jumpstart building your application with our in-product guidance selected for you. You can access these walkthroughs again at any time from the homepage.

Device Sync 10 minutes →
Learn how to create data models in your client application and sync your data to mobile devices.

GraphQL 10 minutes →
Set up GraphQL as your data access method. Learn how to automatically generate a GraphQL API and write queries.

Triggers 10 minutes →
Respond to changing Atlas Data by learning how to set up a Trigger.

Web SDK 10 minutes →
Set up a simple CRUD web application using the Realm Web SDK.

Endpoints 10 minutes →
Add an HTTPS Endpoint for external clients to call over HTTPS.

Close Guides

📁 Project 0 ▾ ⋮   Data Services   App Services   Charts   👥 🔧 🔔

Custom HTTPS Endpoints

:: Apps

🏠 App-X

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⚙ MANAGE

Linked Data Sources

HTTPS Endpoints   Data API   **Add An Endpoint**

ⓘ   HTTP Service Incoming Webhooks are now re-named 'HTTPS Endpoints' and will be found in this   ✕
    section of the UI moving forward. All existing HTTP Service Incoming Webhooks can be converted to
    'HTTPS Endpoints' and can still be used with no changes in functionality from an end user
    perspective. To develop and deploy HTTPS Endpoints from your local machine, please install realm-cli
    v2.3+. Learn more.

This application has no HTTPS Endpoints.

HTTPS Endpoints allow you to execute code in response to HTTP requests from an external
app or service.

Add An Endpoint

📁 Project 0 ▾ ⋮   Data Services   App Services   Charts   👥 🔧 🔔

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⚙ MANAGE

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App Settings

Add Endpoint

Route
This is the route of your endpoint. | /person |

Enabled   🔵✓

∨ ENDPOINT SETTINGS

Operation Type
This is the callback URL for an HTTPS Endpoint to execute a function. | https://ap-south-1.aws.data.mongodb-api.com/app/app-x-ckjtz/endpoint/person |

You can make a test request to this endpoint using this curl command.

```
curl \
-H "Content-Type: application/json" \
-d '{"foo":"bar"}' \
https://ap-south-1.aws.data.mongodb-api.com/app/app-x-ckjtz/endpoint/person
```

HTTP Method | POST ▾ |

Respond With Result   ⚪

Respond With Result   ⚪

Return Type
Return documents from the Data API in your preferred method. By default, new apps will have a return type of JSON and existing apps will | **JSON** | | **EJSON** |
have a return type of EJSON. Learn more about Return Types.

› VIEW EXAMPLE

∨ FUNCTION

Authentication

Functions for new Endpoints will use Application Authentication by default. Authentication can be updated by navigating to the settings
page for a particular Function (found on the Functions page) once the Function is saved.

Function

Select the function to be linked to the endpoint. Selecting a new function will create a | + New Function ▾ |
default function you can edit in the future. Function settings, including authorization, can
be edited by navigating to the linked function from the Functions page

Function Name
Enter the name for the new function
| xfun |

Function

                                                                           Add Dependency

Understanding Save and Deploy

This is the first time you have used **Save.** In App Services, Save is different from Deploy. Click through the deployment steps to understand each one.

① Save Changes as Draft ────── ② Review Draft & Deploy

Save

Saving creates a Deployment Draft...

You can also **disable drafts** if you feel like it, in which case you'd deploy directly.
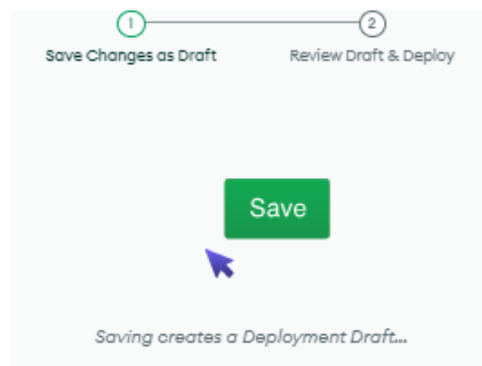
Next

Understanding Save and Deploy

This is the first time you have used **Save**. In App Services, Save is different from Deploy. Click through the deployment steps to understand each one.

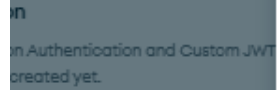Once a *Draft* is saved, you can **deploy** it or **discard** it.

You can also **disable drafts** if you feel like it, in which case you'd deploy directly.

Back   Got it!

Custom HTTPS Endpoints

HTTPS Endpoints   Data API

Add An Endpoint

> ℹ HTTP Service Incoming Webhooks are now re-named 'HTTPS Endpoints' and will be found in this section of the UI moving forward. All existing HTTP Service Incoming Webhooks can be converted to 'HTTPS Endpoints' and can still be used with no changes in functionality from an end user perspective. To develop and deploy HTTPS Endpoints from your local machine, please install realm-cli v2.3+. **Learn more.**

Search Endpoints: [Search for an endpoint] 🔍   Search Endpoints: [Any HTTP Method ▼]

HTTP Method		Endpoint Route		Linked Function		Last Modified		Actions
POST		/person		xfun		07/19/2023 05:16:08		⋯

App-X

NO ENVIRONMENT

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