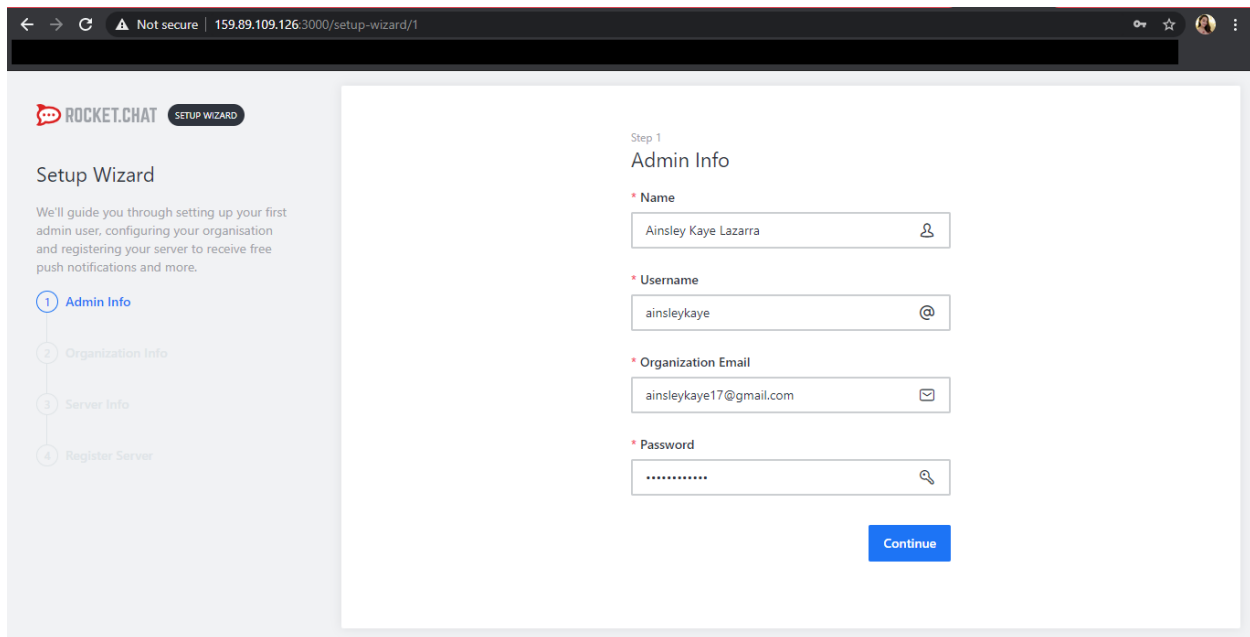


Deploy Rocket.Chat server instance

1. I accessed the DigitalOcean website and created my own account.
2. Using the documentation: <https://docs.rocket.chat/installation/paas-deployments/digitalocean>, I clicked on the 1-click install button to install Rocket.Chat from the Marketplace.
3. After finalizing the details, I clicked Create Droplet and I was able to install the Rocket.Chat
4. I was able to access Rocket.Chat using ***http:// 159.89.109.126/3000*** and I was directed to the Setup Wizard



The screenshot shows a web browser window with the address bar displaying "159.89.109.126:3000/setup-wizard/1". The page title is "ROCKET.CHAT SETUP WIZARD". The main content area is titled "Step 1 Admin Info" and contains four form fields, each with an asterisk indicating it is required:

- Name:** Ainsley Kaye Lazarra
- Username:** ainsleykaye
- Organization Email:** ainsleykaye17@gmail.com
- Password:** (masked with dots)

A blue "Continue" button is located at the bottom right of the form. On the left side of the page, there is a sidebar with the "Setup Wizard" title and a list of steps: 1 Admin Info (highlighted), 2 Organization Info, 3 Server Info, and 4 Register Server. Below the list, a message states: "We'll guide you through setting up your first admin user, configuring your organisation and registering your server to receive free push notifications and more."

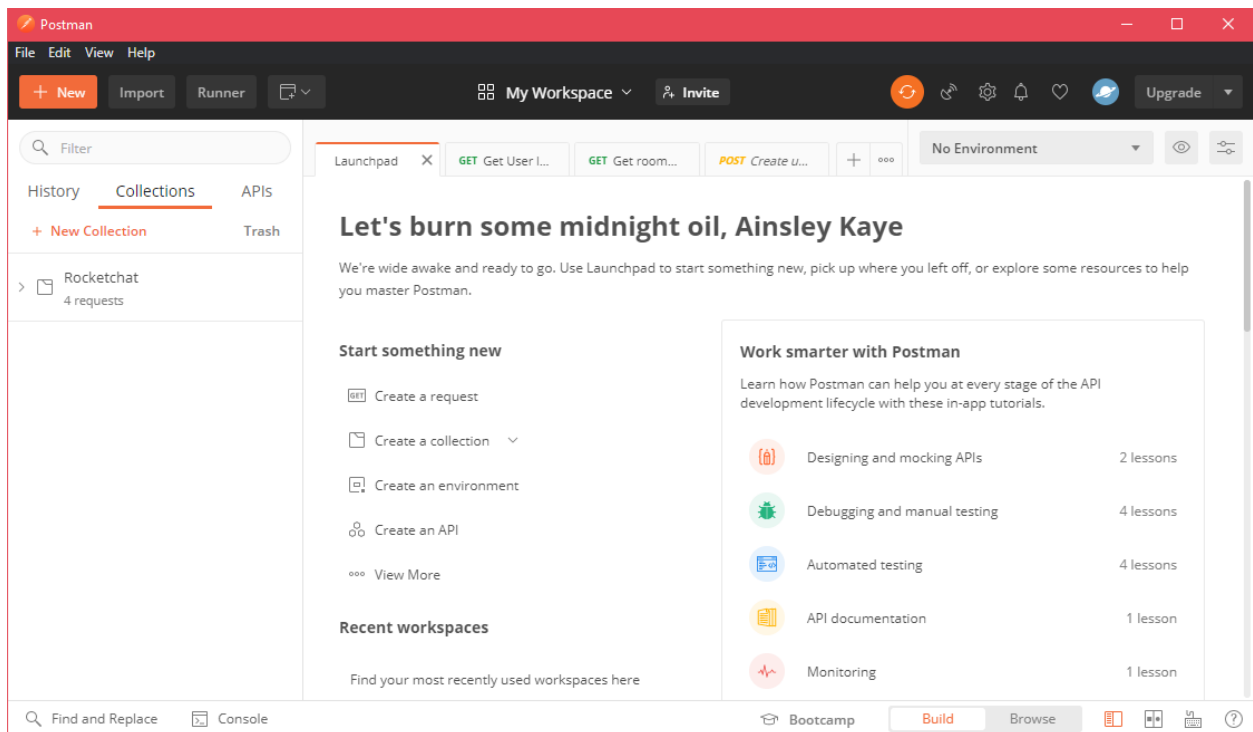
Rocket.Chat login

Username: ainsleykaye

Password: 1725iloveyou

Rocket.Chat APIs test

I installed Postman platform for the API test.



Then I created a Personal Access Token. I navigated to **My Account > Personal Access Tokens >** Entered *privateaccesstoken* in **Personal access tokens to REST API** field > Click **Add**.

Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

Your user Id: AA5tCH4obDibe2NpN

A. Create a new user via an API endpoint

Followed details in <https://docs.rocket.chat/api/rest-api/methods/users/create>

HTTP Method: Post

Endpoint: <http://159.89.109.126:3000/api/v1/users.create>

Headers:

Content-type: application/json

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

X-User-Id: AA5tCH4obDibe2NpN

Body:

```
{
  "name": "Jane Doe2",
  "email": "janedoe3@mailinator.com",
  "password": "janedoe2password",
  "username": "janedoe2"
}
```

Results:




```
{
  "user": {
    "_id": "2Y9ZpFcN5y4un5xEi",
    "createdAt": "2020-10-13T13:41:02.839Z",
    "username": "janedoe2",
    "emails": [
      {
        "address": "janedoe3@mailinator.com",
        "verified": false
      }
    ],
    "type": "user",
    "status": "offline",
    "active": true,
    "_updatedAt": "2020-10-13T13:41:03.052Z",
    "roles": [
      "user"
    ],
    "name": "Jane Doe2",
    "settings": {}
  },
  "success": true
}
```

}

Users

Search

SHOWING 7 RESULTS

Name	Username	Email	Roles	Status
 Ainsley Kaye Lazarra	ainsleykaye	ainsleykaye17@gmail.com	admin	online
 Jane Doe	janedoe1	janedoe2@mailinator.com	user	offline
 Jane Doe2	janedoe2	janedoe3@mailinator.com	user	offline

Postman

File Edit View Help

+ New Import Runner My Workspace Invite

Filter

History Collections APIs

+ New Collection Trash

▼ Rocketchat 4 requests

POST Create user

GET Get Admin Room

GET Get User list

GET Get room information

Launchpad POST Create user

No Environment

Examples 0 BUILD

POST http://159.89.109.126:3000/api/v1/users.create

Send Save

Params Authorization Headers (11) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

```
1 {
2   "name": "Jane Doe2",
3   "email": "janedoe3@mailinator.com",
4   "password": "janedoe2password",
5   "username": "janedoe2"
6 }
7
```

Body Cookies Headers (13) Test Results

Status: 200 OK Time: 1269 ms Size: 683 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "user": {
3     "_id": "2Y9ZpfchN5y4un5xE1",
4     "createdAt": "2020-10-13T13:41:02.839Z",
5     "username": "janedoe2",
6     "emails": [
7       {
8         "address": "janedoe3@mailinator.com",
```

Find and Replace Console

Bootcamp Build Browse

B. Get the room information via an API endpoint.

Followed details in <https://docs.rocket.chat/api/rest-api/methods/rooms/info>

On the Rocket.Chat platform, I created a room named **testroom** by navigating to **Create New > Channel**.

HTTP Method: Get

Endpoint: <http://159.89.109.126:3000/api/v1/rooms.info>

Headers:

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

X-User-Id: AA5tCH4obDibe2NpN

Params:

roomName = testroom

Results:

```
{
  "room": {
    "_id": "AT9HqZrAWdKESpfq9",
    "name": "testroom",
    "fname": "testroom",
    "t": "p",
    "msgs": 0,
    "usersCount": 1,
    "u": {
      "_id": "AA5tCH4obDibe2NpN",
      "username": "ainsleykaye"
    },
    "customFields": {},
    "broadcast": false,
    "encrypted": false,
    "ts": "2020-10-13T11:50:05.764Z",
    "ro": false,
    "sysMes": true,
    "default": false,
    "_updatedAt": "2020-10-13T11:50:05.790Z"
  },
  "success": true
}
```

Discussions

Channels

general

Private Groups

testroom

Direct Messages

You aren't part of any channel yet

☆
testroom

Start of conversation

Message

Postman

File Edit View Help

New

Import

Runner

My Workspace

Invite

Refresh

Share

Settings

Heart

Twitter

Upgrade

Filter

History Collections APIs

+ New Collection

Trash

Rocketchat

4 requests

POST Create user

GET Get Admin Room

GET Get User List

GET Get room information

Launchpad

GET Get room information

No Environment

Examples 0 BUILD

Send Save

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE	DESCRIPTION	Bulk Edit
<input checked="" type="checkbox"/> roomName	testroom		
Key	Value	Description	

Body

Cookies

Headers (13)

Test Results

Status: 200 OK Time: 960 ms Size: 712 B Save Response

Pretty

Raw

Preview

Visualize

JSON

```

1 {
2   "room": {
3     "_id": "AT9HqZrAldKEspfq9",
4     "name": "testroom",
5     "fname": "testroom",
6     "t": "p",
7     "msgs": 0,
8     "usersCount": 1,

```

Find and Replace

Console

Bootcamp

Build

Browse

Print

Share

Help

C. Get a list of all user roles in the system via an API endpoint

Followed details in <https://docs.rocket.chat/api/rest-api/methods/roles/list#example-result>

HTTP Method: Get

Endpoint: <http://159.89.109.126:3000/api/v1/roles.list>

Headers:

X-Auth-Token: 4S8qVEDBseSwvEY0LU-aeAehdC9iQRD2k8cgZnxKaX9

X-User-Id: AA5tCH4obDibe2NpN

Results:

```
{
  "roles": [
    {
      "_id": "admin",
      "description": "Admin",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Users"
    },
    {
      "_id": "moderator",
      "description": "Moderator",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Subscriptions"
    },
    {
      "_id": "leader",
      "description": "Leader",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Subscriptions"
    },
    {
      "_id": "owner",
      "description": "Owner",
      "mandatory2fa": false,
      "protected": true,
      "scope": "Subscriptions"
    },
    {
      "_id": "user",
      "description": "",

```

```
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    },
    {
        "_id": "bot",
        "description": "",
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    },
    {
        "_id": "guest",
        "description": "",
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    },
    {
        "_id": "anonymous",
        "description": "",
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    },
    {
        "_id": "livechat-agent",
        "description": "Livechat Agent",
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    },
    {
        "_id": "livechat-manager",
        "description": "Livechat Manager",
        "mandatory2fa": false,
        "protected": true,
        "scope": "Users"
    }
],
"success": true
}
```