[Snaps](https://snapcraft.io/" \t "_blank) are safe, secure and fast to deploy; the Rocket.Chat team ran tests that clocked under a minute from install to running the Rocket.Chat server.

I used the HyperV manager to deploy Ubuntu VM on my Windows device. Using the Ubuntu terminal, I installed the RC server.

 My server details below.

* Server IP address : 10.66.50.30
* Server OS : Ubuntu 20.04
* RAM : 2 GB
* Disk : 100 GB
* vCPU : 2
* CPU op-mode(s) : 64-bit

**Installation**

**Installing a snap on Ubuntu is as easy as**

sudo snap install rocketchat-server

Confirmed that the server is running using

snap services rocketchat-server

Reference: [Snaps - Rocket.Chat Docs](https://docs.rocket.chat/installing-and-updating/snaps)

Then browse to http://localhost:3000 and setup Rocket.Chat. or <http://172.20.187.76:300>0

**Created admin credentials for using RocketChat**

Name: Damilola

Username: Dahmeey

Password: Dahmee@!992

Organization Email: [dahmeeona@pixlar.onmicrosoft.com](mailto:dahmeeona@pixlar.onmicrosoft.com)

**Completed the Organization profile**

ORGANIZATION TYPE : Enterprise

ORGANIZATION NAME : Pixlar

INDUSTRY : Technology Providers

COUNTRY :  Nigeria

WEBSITE : None

**Completed Server info tab**

Site name: Pixlar

Language: Default

Server Type: Public community

As much as I would have loved to play around the multiple integrations like Whatsapp, Twitter, Gmail etc., I had difficulties setting them up. I hope I can improve on this within few weeks of joining the team.

I also do not have a domain, so I do not know what URL to share for you to be able to access. I would love to learn and know this.

**Rocket.Chat APIs test.**

I have my response attached to the Github repository. [GitHub - Dahmeey/Rocket.Chat\_ES\_Oluwadamilola\_Onabanjo: My technical assesment test](https://github.com/Dahmeey/Rocket.Chat_ES_Oluwadamilola_Onabanjo)

I download the postman desktop app on the Ubuntu VM, following through the steps from the developer.rocket.chat I performed the following API queries

1. Login <http://localhost:3000/api/v1/login>
2. Created new users

curl -H "X-Auth-Token: 9HqLlyZOugoStsXCUfD\_0YdwnNnunAJF8V47U3QHXSq" \

-H "X-User-Id: aobEdbYhXfu5hkeqG" \

-H "Content-type:application/json" \

http://localhost:3000/api/v1/users.create \

-d '{"name": "name", "email": "email@user.tld", "password": "anypassyouwant", "username": "uniqueusername"}'

Changed the token and the User-id with my output on the Login API request.

1. Get room information

curl -H "X-Auth-Token: 9HqLlyZOugoStsXCUfD\_0YdwnNnunAJF8V47U3QHXSq" \

-H "X-User-Id: aobEdbYhXfu5hkeqG" \

<http://localhost:3000/api/v1/rooms.info?roomId=ByehQjC44FwMeiLbX>

Room ID was gotten from the room address URL.

1. Get list of all user roles in the system

curl -H "X-Auth-Token: 9HqLlyZOugoStsXCUfD\_0YdwnNnunAJF8V47U3QHXSq" \

-H "X-User-Id: aobEdbYhXfu5hkeqG" \

http://localhost:3000/api/v1/roles.list