

Deploying my own server

1. Downloaded Docker for Windows
2. Downloaded Rocket.Chat for Windows
3. Created a project folder 'rocket.chat'
4. Created a docker-compose.yml file following this guide:
<https://docs.rocket.chat/installation/docker-containers/docker-compose>
5. Run *docker-compose up -d* inside docker-compose.yml folder



6. Opened Rocket.Chat desktop application (but saw that I could also use the browser)
7. Added a new server: <http://localhost:3000/>
8. Filled the forms until the server configuration is done
9. Disabled 2-step authentication

APIs Test

1. Using Insomnia
2. Profile > Access tokens (no 2nd step auth)
3. Código de acesso Pessoal criado com sucesso
 - a. Grave o seu código com cuidado, pois não poderá mais visualizá-lo depois.
token: 4gPNLYb8NnLMpwa53Brpto8Zom2R5yAB5WisjTS8JUJ
O seu ID de usuário: aGjXpTFzajmvpBoCT
4. Configured header

JSON	Auth	Query	Header 3	Docs
Content-Type			application/json	<input checked="" type="checkbox"/>
X-Auth-Token			4gPNLYb8NnLMpwa53Brpto8Zon	<input checked="" type="checkbox"/>
X-User-Id			aGjXpTFzajmvpBoCT	<input checked="" type="checkbox"/>

5. Created user

POST ▼ http://localhost:3000/api/v1/users.create Send 200 OK 348 ms 357 B Just Now ▼


JSON	Auth	Query	Header 3	Docs	Preview	Header 13	Cookie	Timeline
<pre>1 { 2 "email": "none@none.com", 3 "name": "Rocket.Chat", 4 "username": "rocket", 5 "password": ".chat", 6 "requirePasswordChange": false 7 }</pre>					<pre>1 { 2 "user": { 3 "_id": "vAdySyjipddv6R833", 4 "createdAt": "2021-03-17T03:06:25.683Z", 5 "username": "rocket", 6 "emails": [7 { 8 "address": "none@none.com", 9 "verified": false 10 } 11], 12 "type": "user", 13 "status": "offline", 14 "active": true, 15 "_updatedAt": "2021-03-17T03:06:25.910Z", 16 "__rooms": [17 "GENERAL" 18], 19 "roles": [20 "user" 21], 22 "name": "Rocket.Chat", 23 "requirePasswordChange": false, 24 "settings": {} 25 }, 26 "success": true 27 }</pre>			

6. Get a room info:


GET ▼ http://localhost:3000/api/v1/rooms.info?roomName=general Send 200 OK 11.7 ms 192 B Just Now ▼


JSON	Auth	Query	Header 3	Docs	Preview	Header 13	Cookie	Timeline
<pre>1 { 2 3 }</pre>					<pre>1 { 2 "room": { 3 "_id": "GENERAL", 4 "ts": "2021-03-17T02:31:35.812Z", 5 "t": "c", 6 "name": "general", 7 "usernames": [], 8 "msgs": 2, 9 "usersCount": 2, 10 "default": true, 11 "_updatedAt": "2021-03-17T03:06:25.695Z" 12 }, 13 "success": true 14 }</pre>			



7. Get roles:

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


Send


200 OK12.4 ms1275 BJust Now 

JSON 

Auth QueryHeader 3Docs

```
1 {
2
3 }
```

Preview 

Header 13CookieTimeline

```
1 {
2   "roles": [
3     {
4       "_id": "admin",
5       "description": "Admin",
6       "mandatory2fa": false,
7       "name": "admin",
8       "protected": true,
9       "scope": "Users"
10    },
11    {
12      "_id": "moderator",
13      "description": "Moderator",
14      "mandatory2fa": false,
15      "name": "moderator",
16      "protected": true,
17      "scope": "Subscriptions"
18    },
19    {
20      "_id": "leader",
21      "description": "Leader",
22      "mandatory2fa": false,
23      "name": "leader",
24      "protected": true,
25      "scope": "Subscriptions"
26    },
27    {
28      "_id": "owner",
29      "description": "Owner",
30      "mandatory2fa": false,
31      "name": "owner",
32      "protected": true,
33      "scope": "Subscriptions"
```

Expose localhost:

1. Generate SSH key: `ssh-keygen -t rsa -b 2048`
2. Open tunnel: `ssh -R 80:localhost:3000 localhost.run`
3. Connect to <https://d586a361d949c4.localhost.run>