

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 (using Insomnia)

1. Inside Rocket.Chat app, Profile > Access tokens (no 2nd step auth)
2. 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: aGjXpTFzajmnbBoCT
3. Configured header

JSON	Auth	Query	Header 3	Docs
Content-Type	application/json			<input checked="" type="checkbox"/>
X-Auth-Token	4gPNLYb8NnLMpwa53Brpto8Zom2R5yAB5WisjTS8JUJ			<input checked="" type="checkbox"/>
X-User-Id	aGjXpTFzajmnbBoCT			<input checked="" type="checkbox"/>

4. 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

```
1 {
2   "email": "none@none.com",
3   "name": "Rocket.Chat",
4   "username": "rocket",
5   "password": ".chat",
6   "requirePasswordChange": false
7 }
```

Preview ▼

Header 13

Cookie

Timeline

```
1 {
2   "user": {
3     "_id": "vAdvSyjipddv6R833",
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 }
```

5. 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

```
1 {
2
3 }
```

Preview ▼

Header 13

Cookie

Timeline

```
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 }
```

6. Get roles:

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

Send

200 OK

12.4 ms

1275 B

Just Now

JSON

Auth

Query

Header 3

Docs

```
1 {  
2  
3 }
```

Preview

Header 13

Cookie

Timeline

```
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>