

Docker Compose

1. Download docker from the docker hub
2. Double click the Docker.dmg to open the installer, then drag the Docker icon to the applications folder
3. Once it is installed open the application
4. Create docker-compose.yml using the command: **curl -L <https://raw.githubusercontent.com/RocketChat/Rocket.Chat/develop/docker-compose.yml> -o docker-compose.yml**
5. Start the stack using: **docker-compose up -d** to start a MongoDB service named mongo and mongo-init-replica that waits for mongo to be ready, connects to it, initialize it and terminate itself. It also starts a service rocketchat, that waits for mongo to be ready, the mongo-init-replica to be initialized and then run Rocket.chat

The first Access

- After you deploy your server, the first user to register becomes the administrator, with power to set other users as administrators.

Rocket chat connectivity services

1. Register at cloud.rocket.chat and verify the account
2. After the validation, you will be logged into your Cloud console.
3. Select the "Register self-managed"
4. Selected "No internet access"
5. Paste the code copied from the Connectivity Services your Rocket.Chat workspace and click "Continue"
6. Once it loads, copy the newly generated code and paste on your Rocket.Chat workspace
7. Finally, login to cloud and Sync

Install ngrok

1. download ngrok from <https://ngrok.com/download>
2. Unzip and install using **unzip /path/to/ngrok.zip**
3. Create an account and navigate to the dashboard to obtain an auth token
4. Start a HTTP tunnel on port 3000 run: **./ngrok http 3000**

Install rocket chat CLI

1. Make sure that you have [Node](#) already installed by running: **node -v**
2. run: **npm install -g @rocket.chat/apps-cli** to install the CLI
3. Once the installation is complete run **rc-apps -v**
4. Setup SSL certificates

Create a new user via an API endpoint

```
curl -H "X-Auth-Token: LMAyKj3E5XbdLNsyk48Xzs-pGNXQvwVPnrVJ82hk7jr" -H  
"X-User-Id: oa5hR8pknndKoedxo" -H "Content-type:application/json"  
http://localhost:3000/api/v1/users.create -d '{"name": "challenge", "email":  
"edivaldo2@gmail.com", "password": "Pereira@94", "username": "Challenge"}
```

```
{  
  "user":{  
    "_id":"HyJJYmmuKPC8XWyPv",  
    "createdAt":"2021-03-18T01:10:48.256Z",  
    "username":"Challenge",  
    "emails":[  
      {  
        "address":"edivaldo2@gmail.com",  
        "verified":false  
      }  
    ],  
    "type":"user",  
    "status":"offline",  
    "active":true,  
    "_updatedAt":"2021-03-18T01:10:48.727Z",  
    "__rooms":[  
      "GENERAL"  
    ],  
    "roles":[  
      "user"  
    ],  
    "name":"challenge",  
    "settings":{  
      }  
    },  
    "success":true  
  }  
}
```

Get the room information via an API endpoint

```
curl -H "X-Auth-Token: LMAyKj3E5XbdLNsyk48Xzs-pGNXQvwVPnrVJ82hk7jr" -H  
"X-User-Id: oa5hR8pknndKoedxo" -H "Content-type: application/json"  
http://localhost:3000/api/v1/rooms.info?roomId=GENERAL
```

```
{  
  
  "room":{  
  
    "_id":"GENERAL",  
    "ts":"2021-03-17T14:23:26.416Z",  
    "t":"c",  
    "name":"general",  
    "usernames":[  
  
    ],  
    "msgs":16,  
    "usersCount":6,  
    "default":true,  
    "_updatedAt":"2021-03-18T01:10:48.394Z",  
    "lastMessage":{  
  
      "_id":"xtYFvdxoGesh8pJFy",  
      "rid":"GENERAL",  
      "msg":"welcome @testausdas and @test123",  
      "ts":"2021-03-17T22:28:41.278Z",  
      "u":{  
  
        "_id":"oa5hR8pknndKoedxo",  
        "username":"edivaldo",  
        "name":"Edivaldo Manuel Augusto Pereira"  
      },  
      "_updatedAt":"2021-03-17T22:28:41.458Z",  
      "mentions":[  
  
        {  
  
          "_id":"nmiCf7sxD7f6CNBLY",  
          "name":"test",  
          "username":"test123"  
        },  
        {  
  
          "_id":"eGcHf4ucfBHjAEM8a",  
          "username":"testausdas",
```

```
      "name":"test"
    }
  ],
  "channels":[

  ]
},
"lm":"2021-03-17T22:28:41.278Z"
},
"success":true
}
```

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

```
curl -H "X-Auth-Token: LMAyKj3E5XbdLNsyk48Xzs-pGNXQvwVPnrVJ82hk7jr" -H "X-User-Id: oa5hR8pknndKoedxo" -H "Content-type: application/json" http://localhost:3000/api/v1/roles.list
```

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

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

```
    }  
  ],  
  "success":true  
}
```