

Clone Bene

Into xyz

Overview

You can create as many instances of Bene by following this document.

We have made a code called Bene that creates a website called bene.com

Example: we need to Clone Bene Into Solera

You have to follow all steps below. Write a script to automate all or most steps.

Idea is to clone Bene and create a new system.

MyClone.sh soleralife.com Solera "Solera Life Sciences Pvt Ltd"

So in this case the script will clone Bene into a new website soleralife.com
with company name Solera
and companyfull name "Solera Life Sciences Pvt Ltd"

This batch file should Look for all the constants and settings ...and replace them
this will require new images for Solera (images with same name)
[Of course, this will require new content for website to overwrite old content
: learn, consult, products, homepage, categories, chat, messages, etc. ALL Content
Includes new products, new menu items, etc (but structurally the Solera website will be the same)
The fonts and colors should be updated with inputs from designer / marketing.

Procedure

1. Setup Database

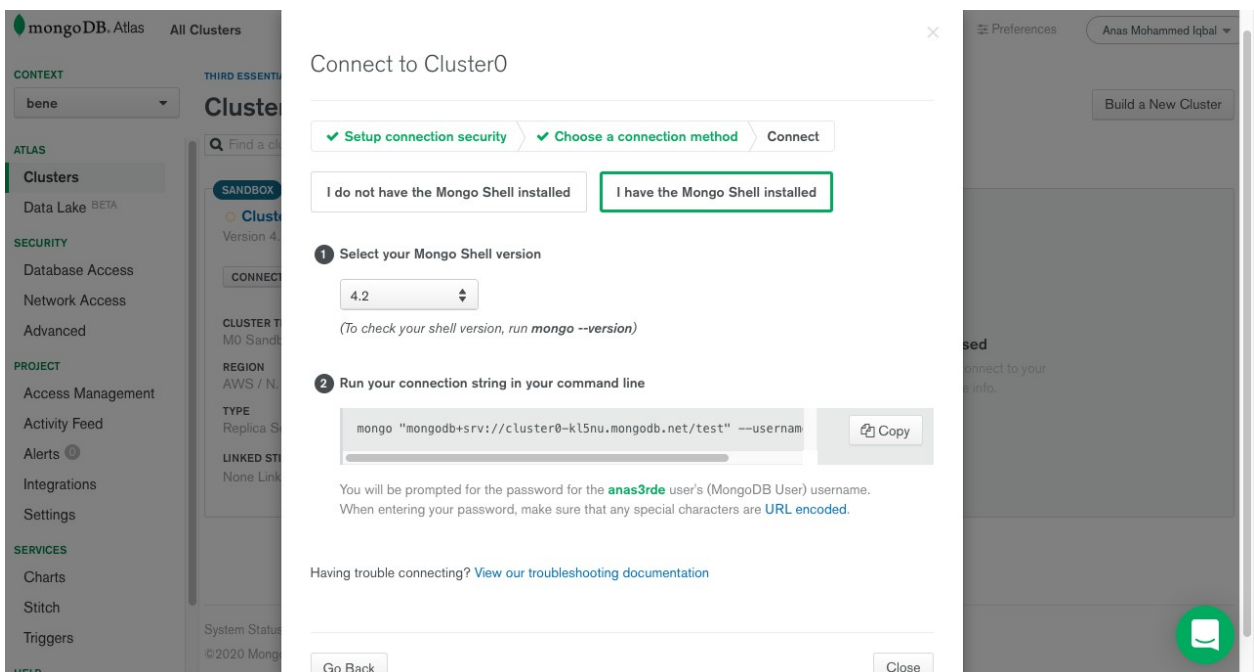
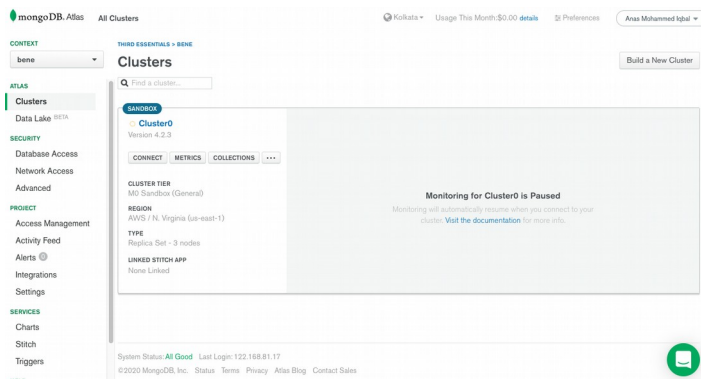
You have to setup a mongo db database somewhere in order to get things going. There are two ways through which this can be done. Either you set it up locally or on the mongo cloud. You can google this. No matter which method you will follow, in the end you will get an URI through which we will connect the new instance.

In this example i will be setting it up on mongo cloud

You can sign up [here](#) for mongo. Once your cluster is ready, click on connect and then

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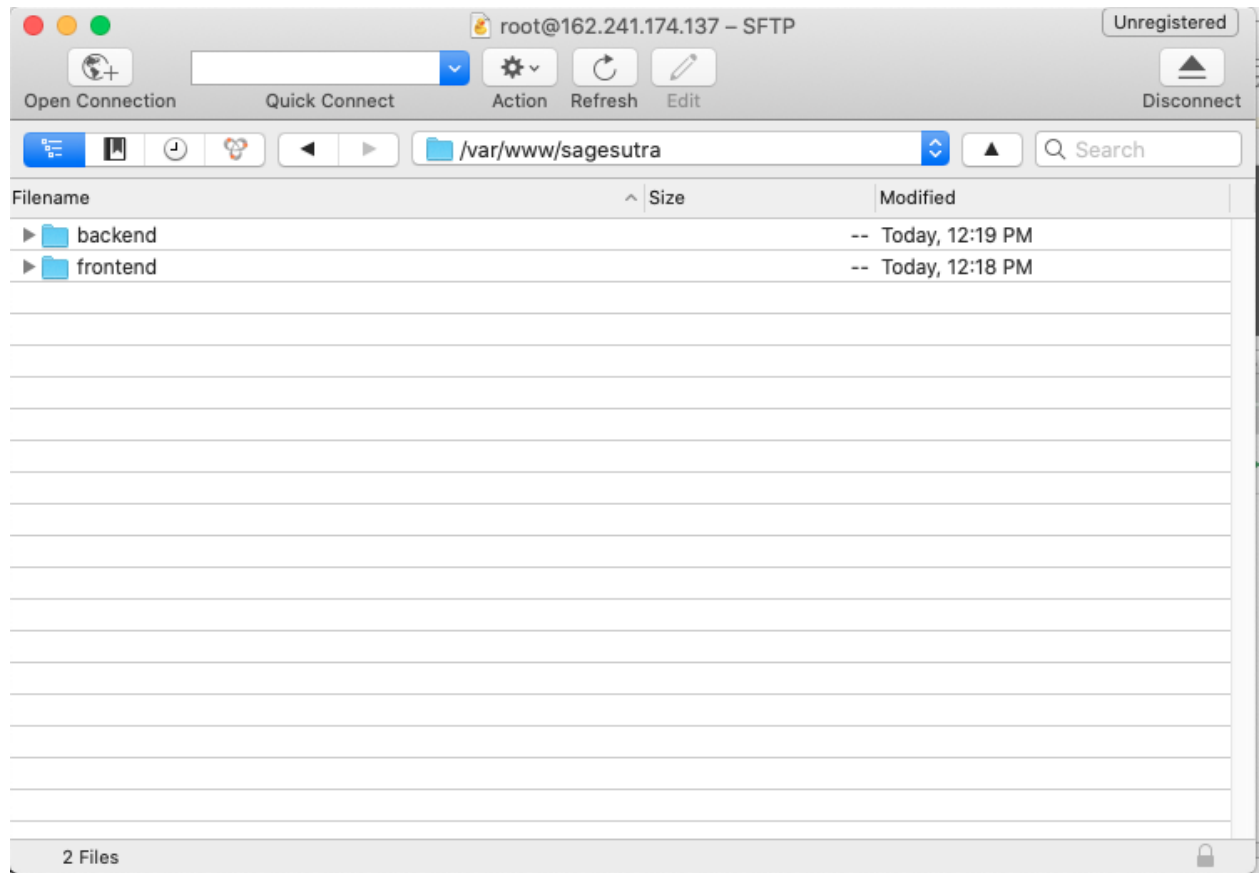
copy the mongo URI



2. Log in to our server

I will be using winscp in my case. If you are on mac, just do it through the terminal. We will provide this later.

Now go to `/var/www/html`



This will be always your root directory to deploy instances. Create a folder in there. In my case its "sagesutra". Inside this folder create two folders and name it "frontend" & "backend".

3. Get your code on the server

Frontend Repo

<https://github.com/shubhamAyodhyavasi/cbdbenev2.git>

Backend Repo

<https://github.com/Anas-MI/cbdbene-backend.git>

You can clone these repos into their respective folder.

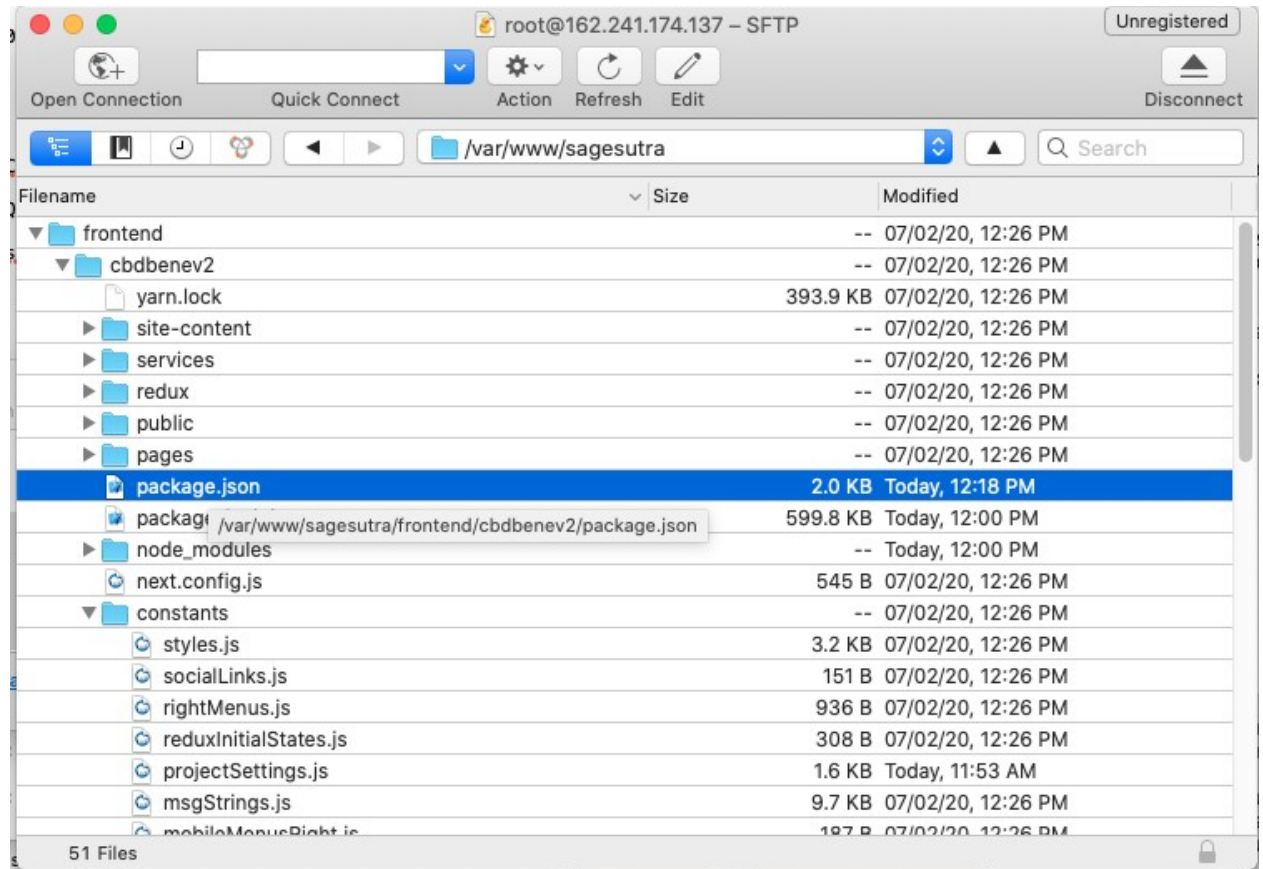
“git clone <https://github.com/shubhamAyodhyavasi/cbdbenev2.git>”

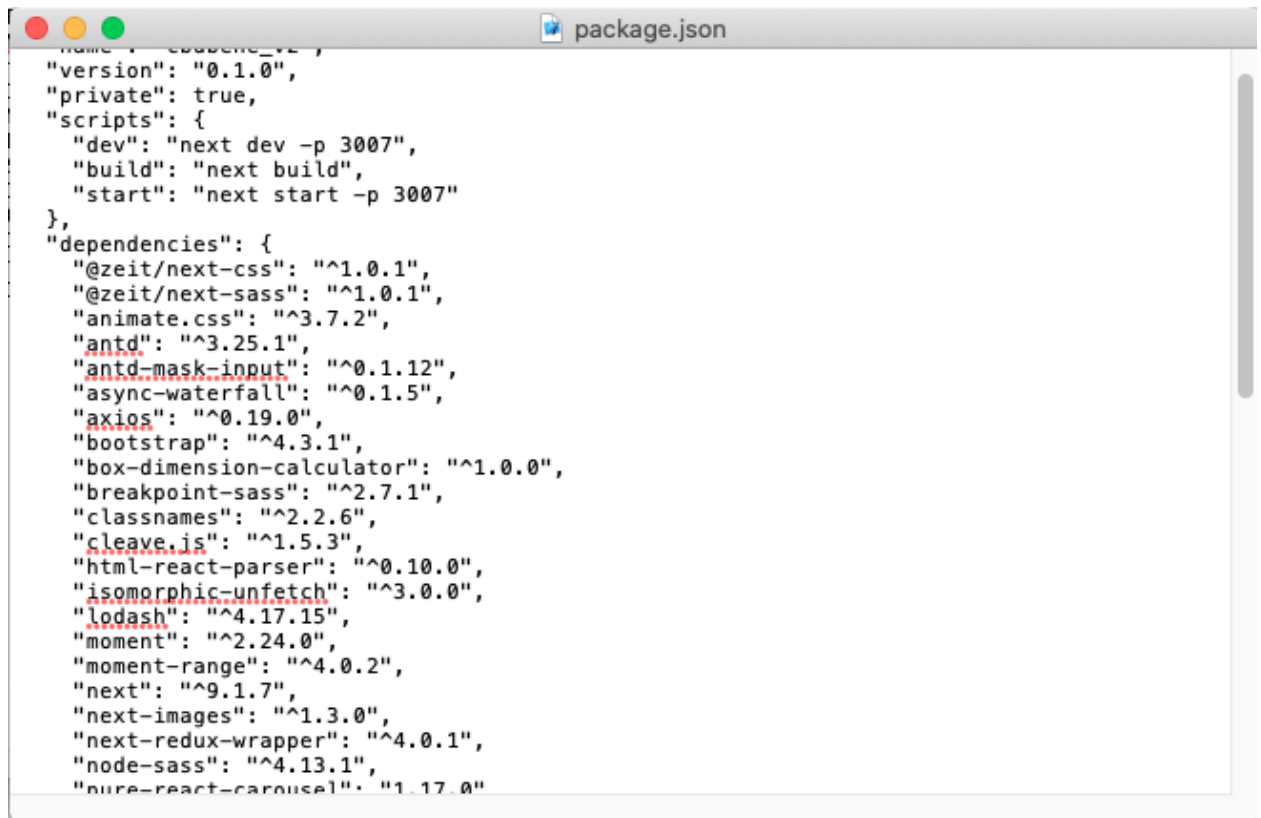
```
[apple@Apples-MacBook-Pro ~ % ssh root@162.241.174.137
The authenticity of host '162.241.174.137 (162.241.174.137)' can't be established.
ECDSA key fingerprint is SHA256:jZCXiE+sm2fiDW6eLpy0QbFSVpgbca8Q+J8tYQSx5eg.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '162.241.174.137' (ECDSA) to the list of known hosts.
root@162.241.174.137's password:
You have mail.
Last login: Wed Feb  5 06:59:28 2020 from 122.168.81.17
root@162-241-174-137:/var/www/sagesutra/frontend# git clone https://github.com/shubhamAyodhyavasi/cbdbenev2.git
Cloning into 'cbdbenev2'...
remote: Enumerating objects: 1328, done.
remote: Counting objects: 100% (1328/1328), done.
remote: Compressing objects: 100% (806/806), done.
remote: Total 2690 (delta 815), reused 929 (delta 483), pack-reused 1362
Receiving objects: 100% (2690/2690), 19.43 MiB | 31.73 MiB/s, done.
Resolving deltas: 100% (1659/1659), done.
Checking connectivity... done.
root@162-241-174-137:/var/www/sagesutra/frontend#
```

4. Configure frontend

Once inside the frontend folder, run the command “npm i” in order to install all the modules

Open package.json and add the following to it





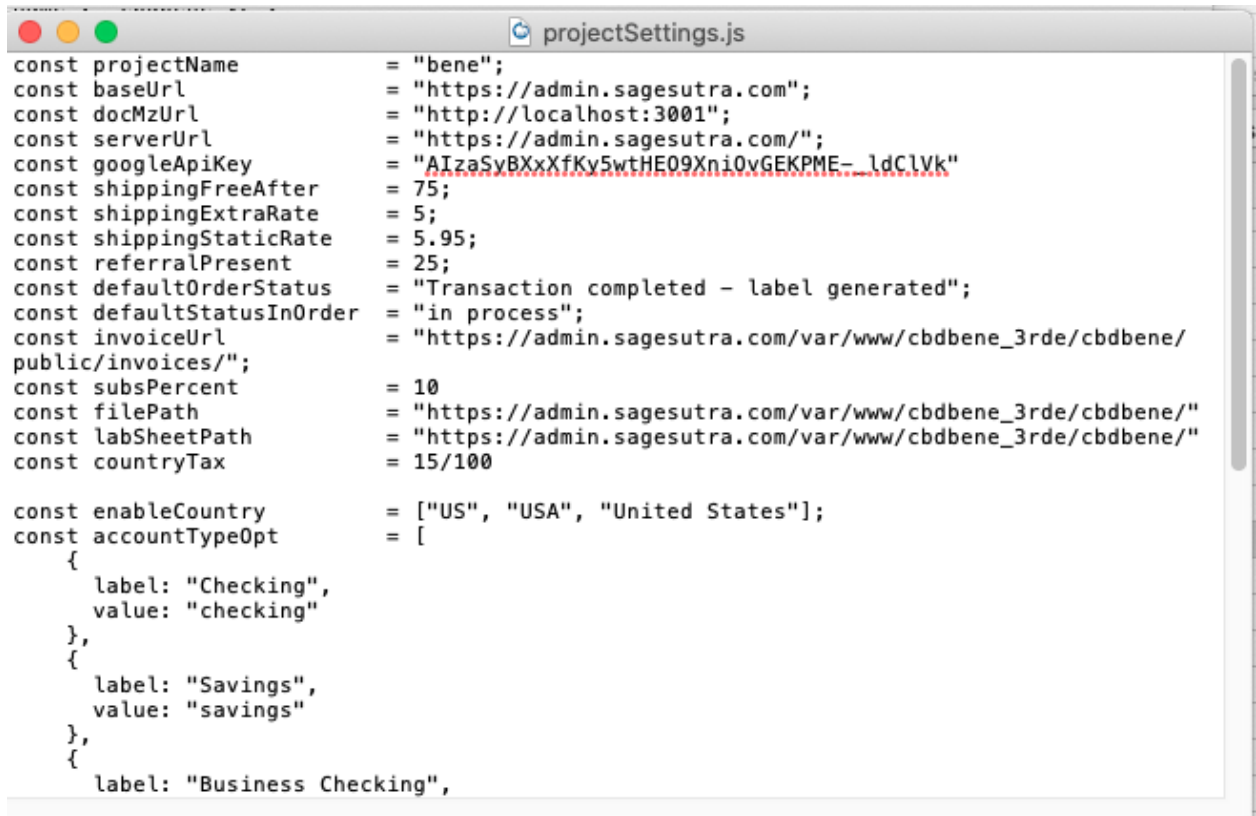
```

name: "cbdbenev2",
"version": "0.1.0",
"private": true,
"scripts": {
  "dev": "next dev -p 3007",
  "build": "next build",
  "start": "next start -p 3007"
},
"dependencies": {
  "@zeit/next-css": "^1.0.1",
  "@zeit/next-sass": "^1.0.1",
  "animate.css": "^3.7.2",
  "antd": "^3.25.1",
  "antd-mask-input": "^0.1.12",
  "async-waterfall": "^0.1.5",
  "axios": "^0.19.0",
  "bootstrap": "^4.3.1",
  "box-dimension-calculator": "^1.0.0",
  "breakpoint-sass": "^2.7.1",
  "classnames": "^2.2.6",
  "cleave.js": "^1.5.3",
  "html-react-parser": "^0.10.0",
  "isomorphic-unfetch": "^3.0.0",
  "lodash": "^4.17.15",
  "moment": "^2.24.0",
  "moment-range": "^4.0.2",
  "next": "^9.1.7",
  "next-images": "^1.3.0",
  "next-redux-wrapper": "^4.0.1",
  "node-sass": "^4.13.1",
  "pure-react-carousel": "1.17.0"
}

```

In place of "3007" you have to enter the port your front end would be running

Now go to "cbdbenev2/constants/projectsettings"



```

const projectName      = "bene";
const baseUrl          = "https://admin.sagesutra.com";
const docMzUrl         = "http://localhost:3001";
const serverUrl        = "https://admin.sagesutra.com/";
const googleApiKey     = "AIzaSyBXxXfKy5wtHE09Xni0vGEKPME-ldClVvk";
const shippingFreeAfter = 75;
const shippingExtraRate = 5;
const shippingStaticRate = 5.95;
const referralPresent  = 25;
const defaultOrderStatus = "Transaction completed - label generated";
const defaultStatusInOrder = "in process";
const invoiceUrl       = "https://admin.sagesutra.com/var/www/cbdbene_3rde/cbdbene/public/invoices/";
const subsPercent      = 10;
const filePath         = "https://admin.sagesutra.com/var/www/cbdbene_3rde/cbdbene/";
const labSheetPath     = "https://admin.sagesutra.com/var/www/cbdbene_3rde/cbdbene/";
const countryTax       = 15/100;

const enableCountry    = ["US", "USA", "United States"];
const accountTypeOpt  = [
  {
    label: "Checking",
    value: "checking"
  },
  {
    label: "Savings",
    value: "savings"
  },
  {
    label: "Business Checking",

```

In here enter the url your front end will be requesting to. In this case i will be using the the name "admin.sagesutra" which we will be configuring in the upcoming step.

Once done run the command **"pm2 "npm start" -n sagesutra-backend"**

You can replace the name "sagesutra-frontend" with whatever name you prefer but make sure to keep it relevant. Pm2 is gonna help us keep the instance alive.

5. Configure Backend

Create a new file in the backend folder and name it ".env". Inside this create the following environment variables.

PORT=5003 // This is the port on which your server would be running. You cant have more than one instance running on the same port.

CLIENT_URL="<https://sagesutra.com>" // This is the url with which the client is gonna be requesting.

serverurl="<https://sagesutra.com>" // Client side url

MONGODB_URI= "mongodb+srv://admin:admin123@cluster0-kl5nu.mongodb.net/test?retryWrites=true&w=majority" // Paste the URI which we created in step 1

GOOGLE_CLIENT_ID = 936223668088-mg6le6oiabj4qrpj82c28dpj8ctf648d.apps.googleusercontent.com

GOOGLE_CLIENT_SECRET = gWiuvxeJ4mbddARAdIYsnltc

ACCESSKEYID=AKIAJMUJXEIE42GYPGRA

REGION=us-west-2

SECRETACCESSKEY=n45vnKDW053nk+129lnbyEQkZkCVkN8m20Qs6Js2

LEAVE THE REST AS IT IS

Once done run the command **"pm2 "npm run dev" -n sagesutra-frontend"**

Or

First run **"npm run build"** and then **"pm2 "npm start" -n sagesutra-frontend"**

(Recommended)

You can replace the name "sagesutra-frontend" with whatever name you prefer but make sure to keep it relevant. Pm2 is gonna help us keep the instance alive.

6. Pointing the domain to our server

Now once everything is up and running the next step would be to configure the domain.

First in order to get started with this you need to point your domain to the servers ip address.

Log in to your dashboard from where you have purchased your domain and add the following records to it

sagesutra.com

Domain Products Sharing & Transfer **Advanced DNS**

DNS TEMPLATES ? Choose DNS Template

HOST RECORDS ?

Actions Filters Search

Type	Host	Value	TTL
<input type="checkbox"/> A Record	*	162.241.174.137	Automatic
<input type="checkbox"/> A Record	@	162.241.174.137	Automatic
<input type="checkbox"/> A Record	www	162.241.174.137	Automatic
<input type="checkbox"/> CNAME Record	admin	sagesutra.com.	Automatic

+ ADD NEW RECORD

7. Generate SSL Certificates

You can either purchase these or google them on how to create them through lets encrypt.

8. Configure Nginx

Head over to **“/etc/nginx/sites-enabled”**

In this you have to add your server block

##Server block to resolve www to non www

```
server {  
  
    listen 80;  
  
    server_name sagesutra.com www.sagesutra.com;  
  
    location / {  
  
        return 301 https://$host$request_uri;  
  
    }  
  
}
```

```
## Code block to point domain name to port for front end

server {

    listen 443 ssl;

    listen [::]:443 ssl ;

    ssl_certificate /etc/letsencrypt/live/sagesutra.com/fullchain.pem; //PEM PATH

    ssl_certificate_key /etc/letsencrypt/live/sagesutra.com/privkey.pem; //SSL
    PATH

    server_name sagesutra.com www.sagesutra.com; //DOMAIN NAME

    location / {

        proxy_pass http://localhost:3007; // ENTER YOUR FRONTEND PORT HERE

        proxy_http_version 1.1;

        proxy_set_header Upgrade $http_upgrade;

        proxy_set_header Connection 'upgrade';

        proxy_set_header Host $host;

        proxy_cache_bypass $http_upgrade;

    }

}
```

```
## resolve www to non www - backend
```

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```
server {  
  
    listen 80;  
  
    server_name admin.sagesutra.com; //DOMAIN NAME  
  
    location / {  
  
        return 301 https://$host$request_uri;  
  
    }  
  
}
```

##Point backend domain name to port

```
server {  
  
    listen 443 ssl ;  
  
    ssl_certificate /etc/letsencrypt/live/admin.sagesutra.com/fullchain.pem; //SSL PATH  
  
    ssl_certificate_key /etc/letsencrypt/live/admin.sagesutra.com/privkey.pem; //SSL  
    PATH  
  
    index index.html index.htm index.nginx-debian.html;  
  
    server_name admin.sagesutra.com; //DOMAIN NAME  
  
    location / {  
  
        proxy_pass http://localhost:5003; //YOUR BACKEND PORT  
  
        proxy_http_version 1.1;  
  
        proxy_set_header Upgrade $http_upgrade;  
  
        proxy_set_header Connection 'upgrade';  
  
        proxy_set_header Host $host;
```

```
proxy_cache_bypass $http_upgrade;
```

```
}
```

```
}
```

Once you have added all the server blocks, run the command

"Sudo service nginx restart"

If there is any error, its gonna show up in this

You can also check the status with this command

"Sudo service nginx status"

```
Use 'nm2 show <idname>' to get more details about an app.
root@162-241-174-137:/var/www/sagesutra/backend# sudo service nginx status
● nginx.service - A high performance web server and a reverse proxy server
   Loaded: loaded (/lib/systemd/system/nginx.service; enabled; vendor preset: enabled)
   Active: active (running) since Mon 2020-02-10 07:59:55 UTC; 19min ago
     Process: 30158 ExecStop=/sbin/start-stop-daemon --quiet --stop --retry QUIT/5 --pidfile /run/nginx.pid (code=exited, status=0/SUCCESS)
     Process: 30166 ExecStart=/usr/sbin/nginx -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
     Process: 30163 ExecStartPre=/usr/sbin/nginx -t -q -g daemon on; master_process on; (code=exited, status=0/SUCCESS)
   Main PID: 30170 (nginx)
      Tasks: 3
     Memory: 7.5M
        CPU: 2.092s
    CGroup: /system.slice/nginx.service
            └─30170 nginx: master process /usr/sbin/nginx -g daemon on; master_process on
              └─30171 nginx: worker process
                └─30172 nginx: worker process

Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30163]: nginx: [warn] conflicting server name "admin.sagesutra.com" on 0.0.0.0:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30163]: nginx: [warn] conflicting server name "sagesutra.com" on [::]:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30163]: nginx: [warn] conflicting server name "www.sagesutra.com" on [::]:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "" on 0.0.0.0:80, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "sagesutra.com" on 0.0.0.0:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "www.sagesutra.com" on 0.0.0.0:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "admin.sagesutra.com" on 0.0.0.0:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "sagesutra.com" on [::]:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net nginx[30166]: nginx: [warn] conflicting server name "www.sagesutra.com" on [::]:443, ignored
Feb 10 07:59:55 162-241-174-137.webhostbox.net systemd[1]: Started A high performance web server and a reverse proxy server.
root@162-241-174-137:/var/www/sagesutra/backend#
```

Now you can try entering your domain name in the browser to test your clone.