

## My Drive implementation – application settings

At this point you have set a S3 bucket, set the IAM role and you have an EC2 instance up and running. You will need DNS records that directs to the EC2 IP address (you should use an fixed EIP for this, otherwise the EC2 instance changes it's public IP at each restart).

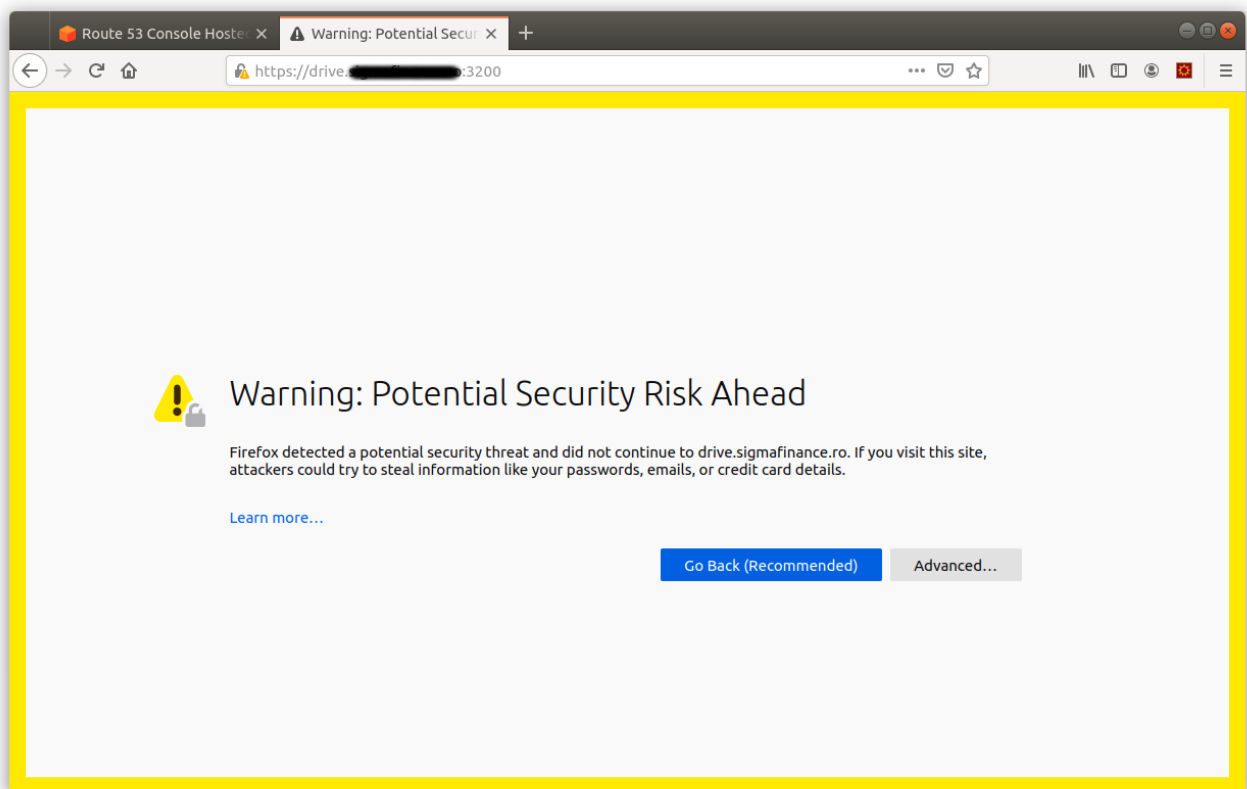
EC2 EIP is found into AWS EC2 web-page and it is an easy set, set an EIP and allocate it to the desired EC2 instance.

Next:

Open a web browser ( Mozilla Firefox in next images ) and go to next URL address:

`https://<address>:3200`

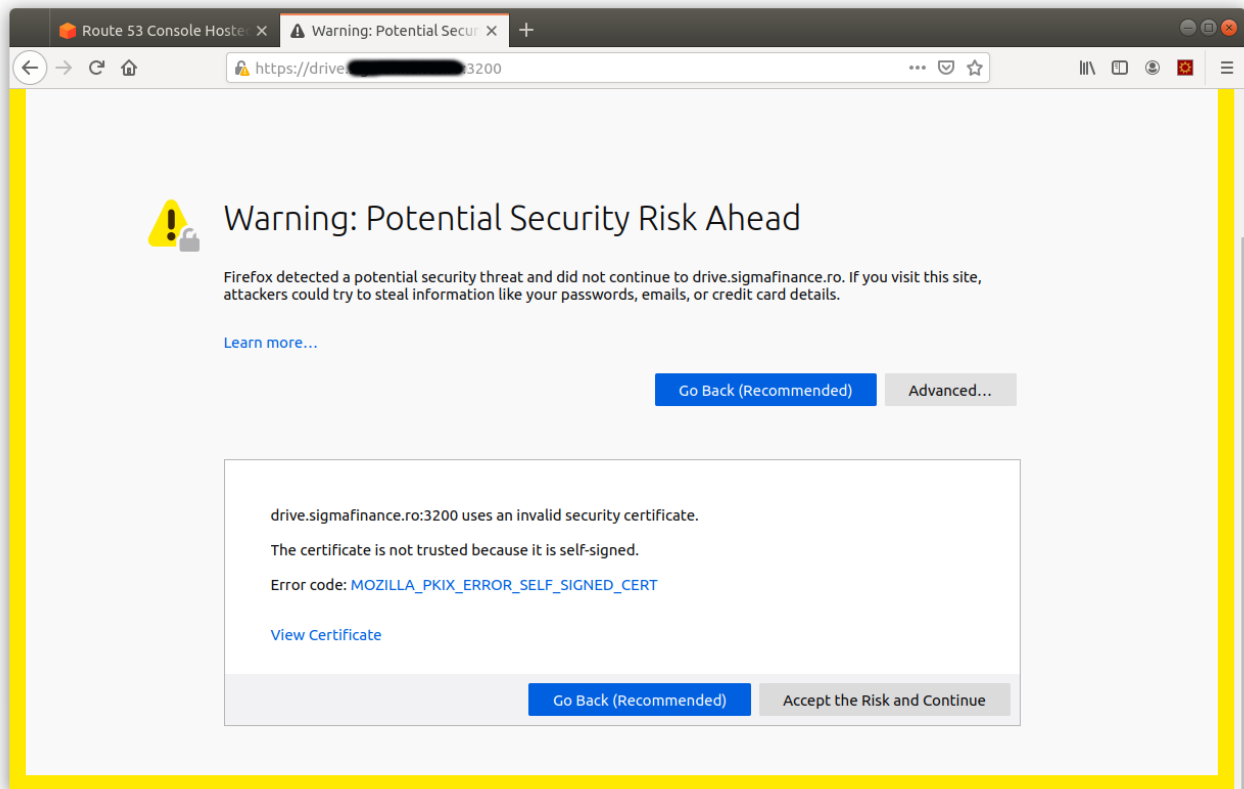
Where address is the address set into your DNS records and 3200 is the port on witch the settings web app is running.



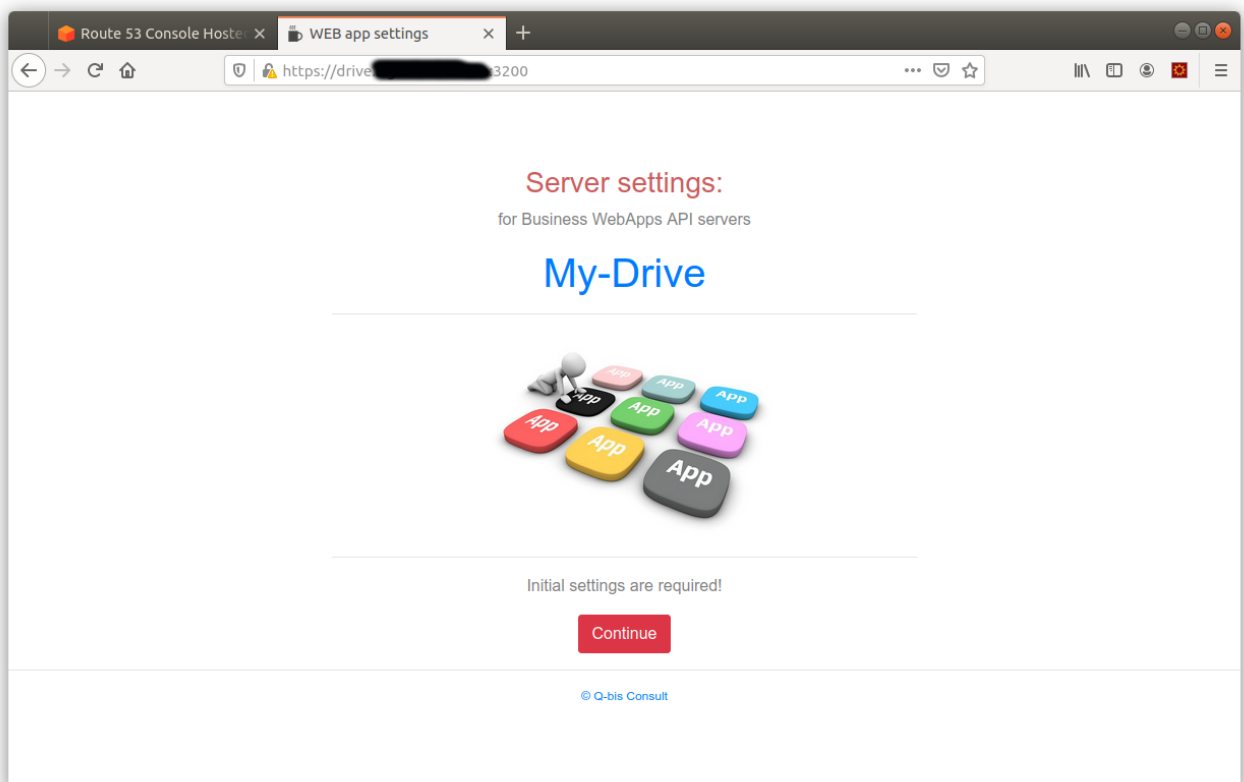
At this point the system uses an self-signed SSL certificate created at installation ( on first service start ). It is safe to use it for this step, you will need to change it with an certified certificate later.

Press “Advanced”:

Press “Accept the Risk and Continue”



The first web app screen is shown, detects a new installation and ask for configuration:



Continue:

Set the used Region and Bucket, copy and save the Passport in a safe place if it is the first instances, if it is an additional instance you will need to provide the passport from a saved one.

The screenshot shows a web browser window with the title 'WEB app settings'. The address bar shows a URL starting with 'https://drive.'. The page content is titled 'Server settings: for Business WebApps API servers' and 'My-Drive'. Under 'Amazon AWS settings:', there are two input fields: 'Region' with 'Frankfurt' selected and 'Bucket' with 'webdrive98'. Under 'System settings:', there is a 'Passport' field containing a long alphanumeric string. Below these fields are 'Save' and 'Cancel' buttons. At the bottom, a red warning message states: 'SAVE THE USED PASSPORT AND KEEP IT SAFE, IT IS USED FOR INTERNAL SECURITY KEYS GENERATION you may not add additional servers in case it is lost'. A blue link for 'More information' is also present.

Set the password for Administrator:

The screenshot shows the same 'Server settings' page, but now it is for setting the 'Administrator password:'. The 'User' field is pre-filled with 'administrator'. There are two password input fields labeled 'Password' and 'Verify', both containing masked characters. 'Save' and 'Cancel' buttons are at the bottom. The footer of the page reads '© Q-bis Consult'.

Next, you will need to login and set the SSL certificate:  
First (Info) shows the system and running services.

The screenshot shows a web browser window with the address bar displaying 'https://drive-...3200'. The page title is 'Server settings: for Business WebApps API servers' and the main heading is 'My-Drive'. Below the heading are links: 'Info | Add certificate | Read certificate | Apps | Close'. The 'Services:' section contains a table with the following data:

Name	Id	ProcessId	Memory	CPU
appserver	0	⊗ Stopped	0Mb	0%
auth	1	⊗ Stopped	0Mb	0%
memorydb	2	⊗ Stopped	0Mb	0%
web80	3	817	46Mb	0.2%

Below the table, a light blue box displays system information:

- AWS AMI ID: ami-0dfd93f9de4a002d9
- Server ID: i-0dfea34a8a183a0ab
- Instance Type: t3a.micro, linux, 5.4.0-1041-aws, x64
- IP: Local [redacted] Public [redacted]
- Disk: /dev/root, Total: 7877Mb, Free: 4757Mb, 40% used
- Memory: Free: 299836Mb, Total: 980312Mb

The browser's address bar shows 'https://www.my-drive.cloud'.

Add the SSL certificate:

The screenshot shows the same 'Server settings' page for 'My-Drive'. The 'Info | Add certificate | Read certificate | Apps | Close' links are present. The 'SSL Certificate:' section contains a text area with the following content:

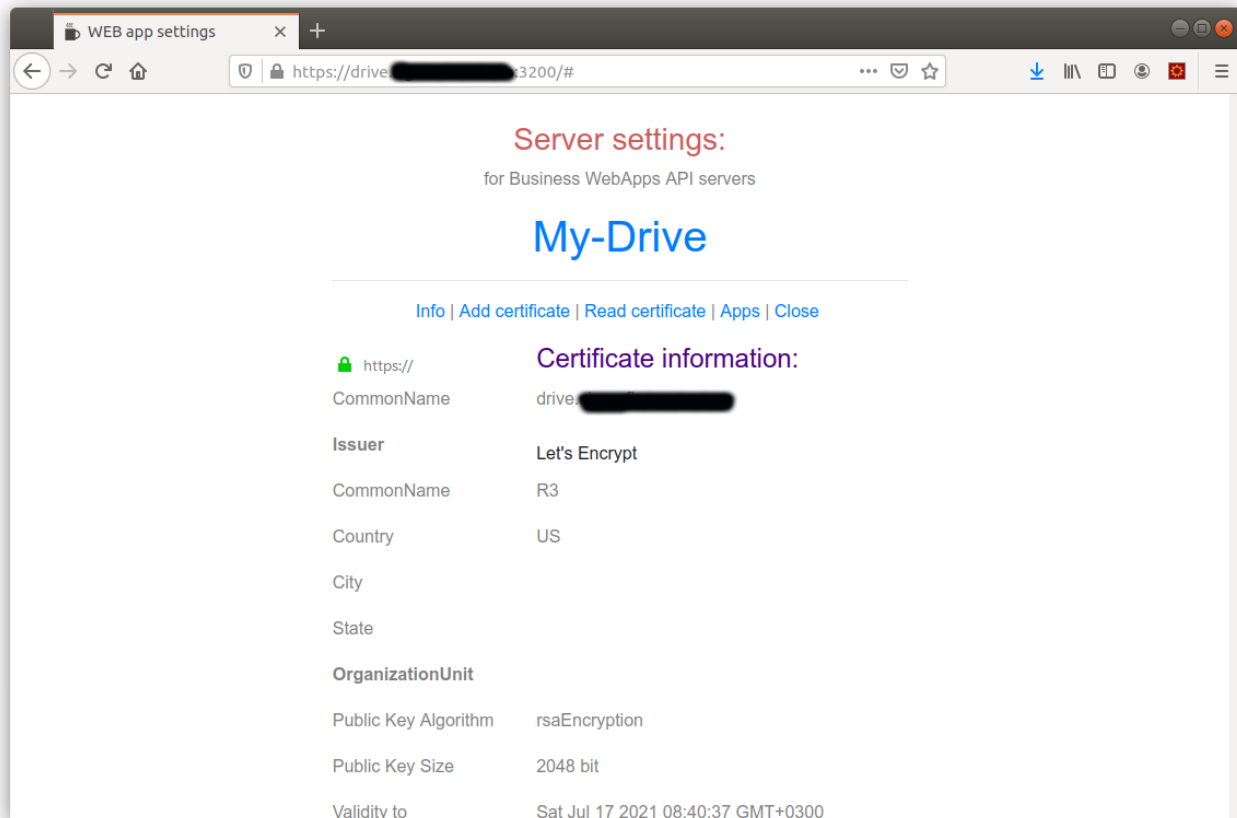
```
AQsFAAOCAQEAUzgyfWEIDcx27sT4rP8i2tIEmxY10I+PAK3qB8oYevO4C5z70kH
ejWEHx2taPDY/laBL21/WKZuNTYQHHPD5b10XgHXbnL7KqC401dk5VvCadTQsvd8
S8MXjohyc9z9/G2948kLjmE6Fih9dDYrVYA9x2O+hEPGOaEOa1eePynBgPayvUfL
gJBstzLhWVQLGAkXXmNs+5ZnPbxzDJOLxhF2JlbeQACh5H0tZrUlo5ZYyOqA7s9p
O5b85o3AM/OJ+CktFBQtfvBhcJvd9wvlpPsk+uyOy2H17mNxKKgsBTi375teA2Tw
UdHkhVNcsAKX1H7GNNLOEADksd86wuoxvg==
-----END CERTIFICATE-----
```

The 'Certificate KEY:' section contains a text area with the following content:

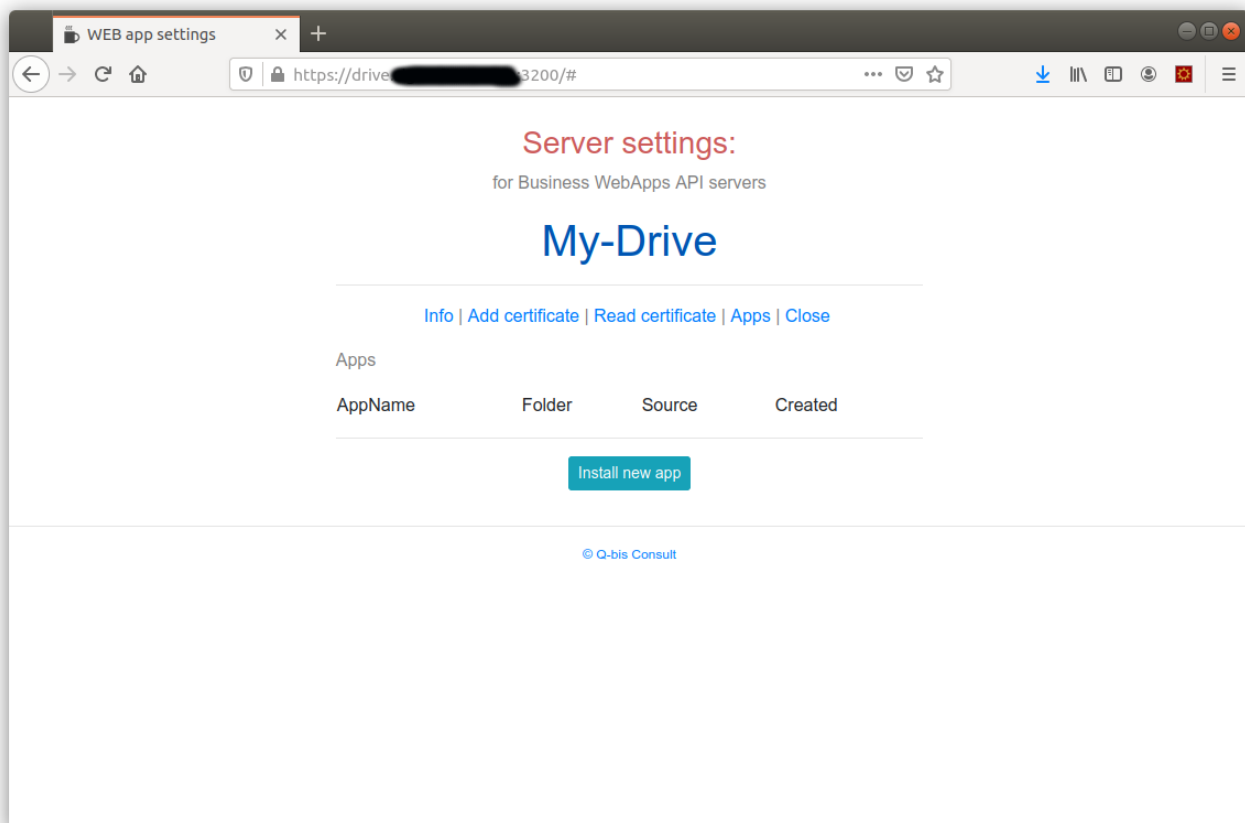
```
-----BEGIN RSA PRIVATE KEY-----
MIIeOwIBAAKCAQEAxPxokMAlYHP16baaBQLye3+sqSxA00qEwZMpq615wobTL5J
+YdUJs+mVF8mFe0+zjWLwYZPYEDChHHztWVvs6SrPm4JMUMeLar1CdwOOyhGfDG
y6mGRaRwuAbB+0Jqs2S0uCW5dWse6ty6OziwU9mNXcf4SWDuydcSX/mqr3zIap2
b39idJaMLDrkCplkbZk8+zWlxokmnat23HIZnrglACr4f8uwJqYkBGU/xF5p+J
J8JFdxcinlIodj9h3KNjLwE7L4ghXu/Pj/gqY7sbW5bXTg1gO0XDFDpQmT2r9IWl
H04NPkare165Tl0q1AVQHhU9/emPHBLPrjc+wIDAQABaoIBAAM2WBC81oJ+w9PK
-----END RSA PRIVATE KEY-----
```

At the bottom of the page, there is a green button labeled 'Save certificate'.

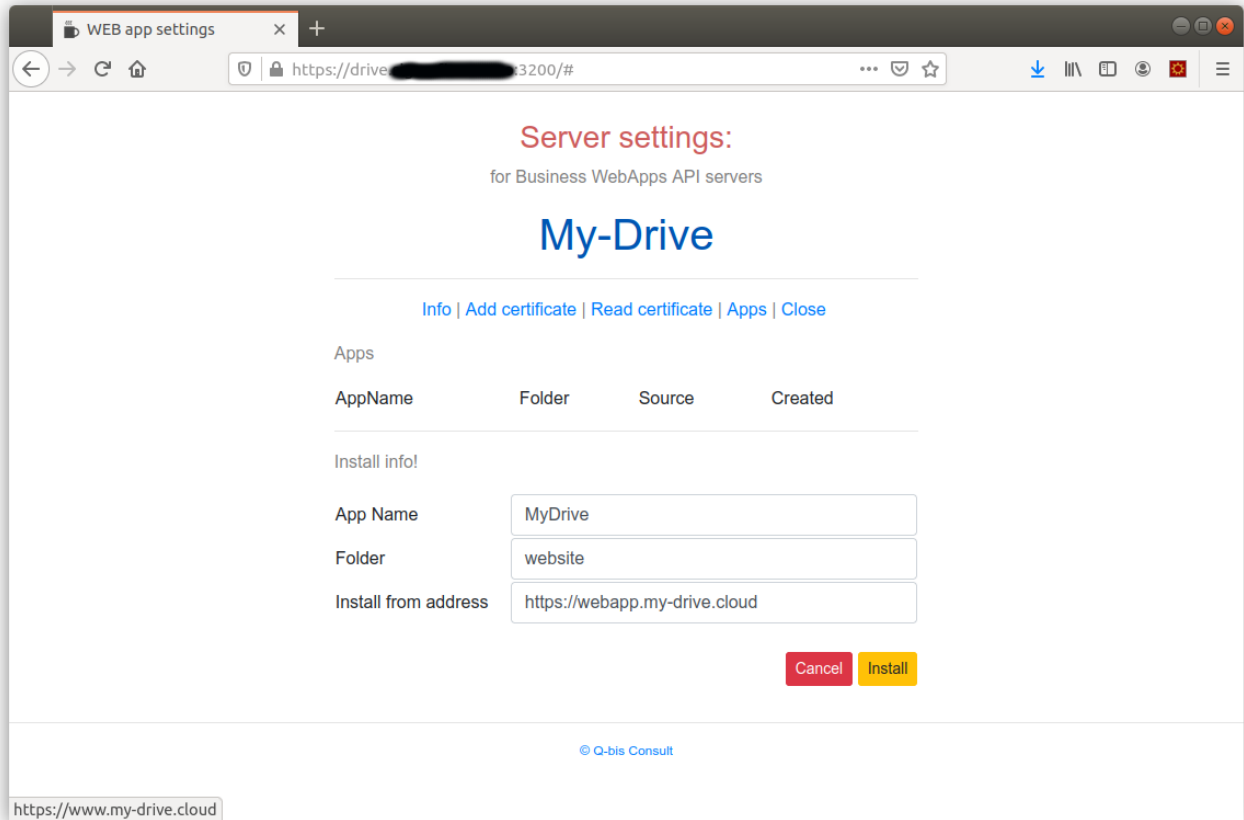
Check the certificate with “Read Certificate”



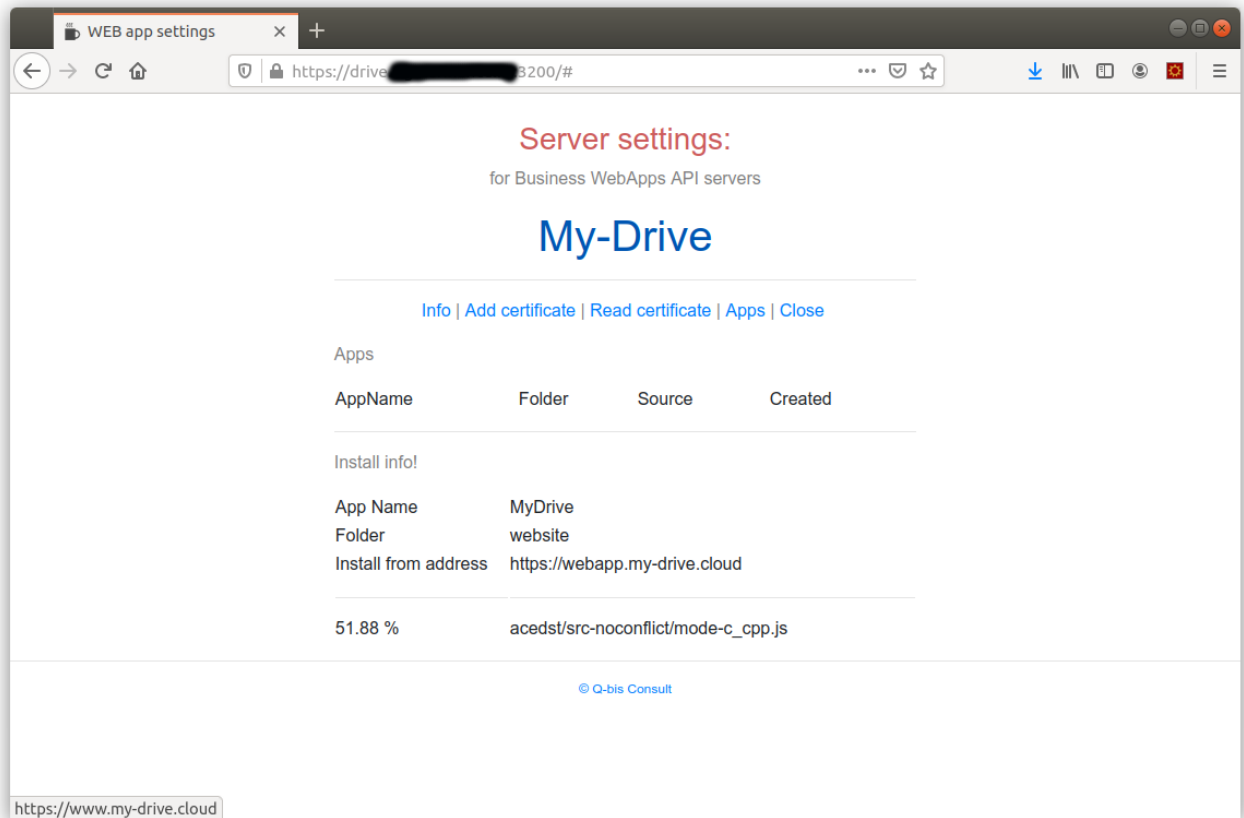
Install the web app for My Drive, it is required to install it because it is stored into the S3 drive first and second you can use a customized one.



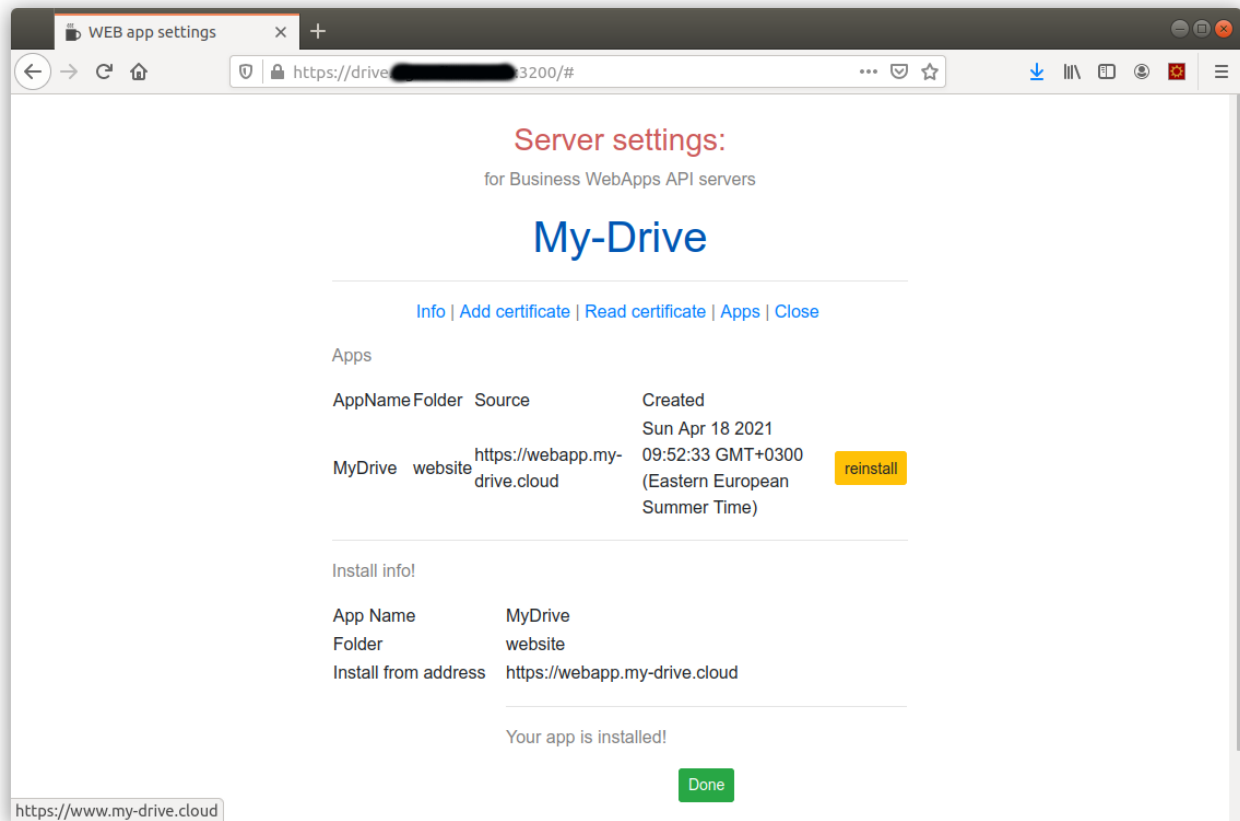
Press Install:



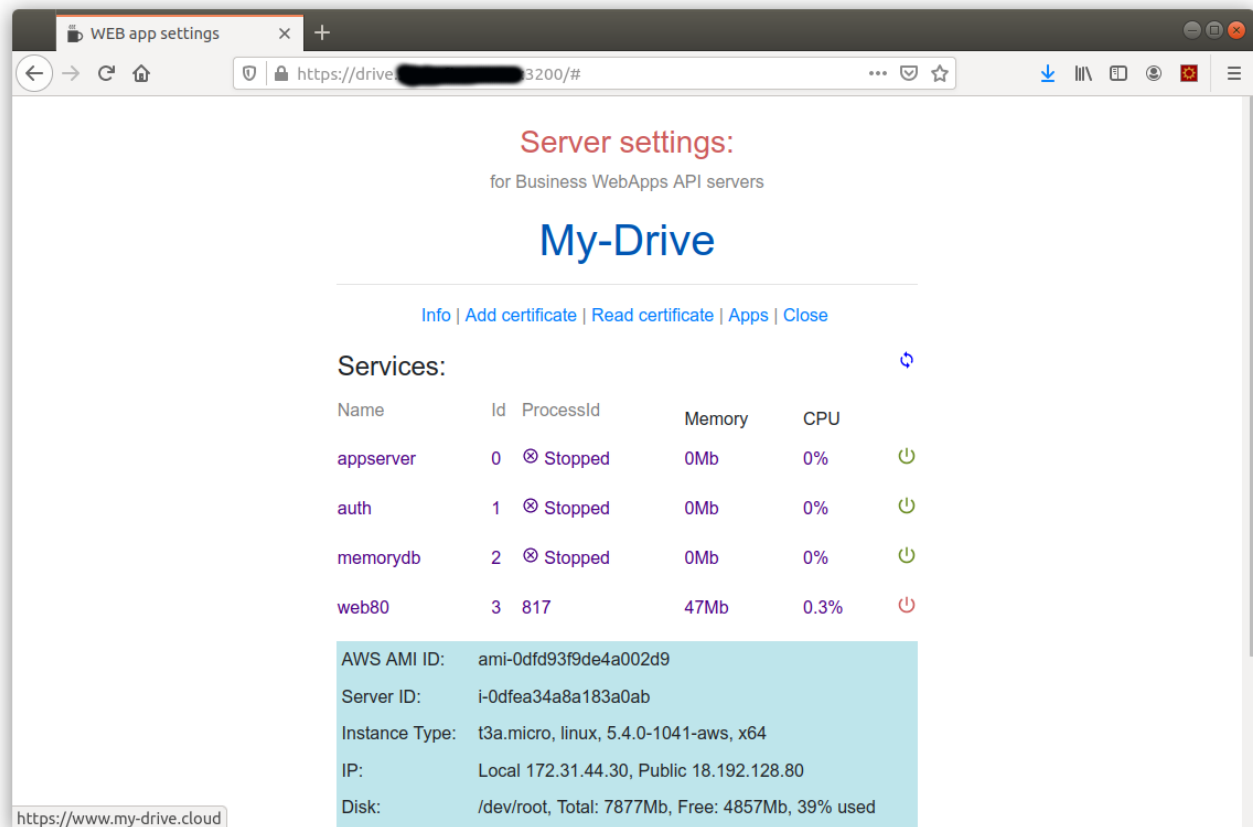
Installation progress: ( it takes few minutes to complete)



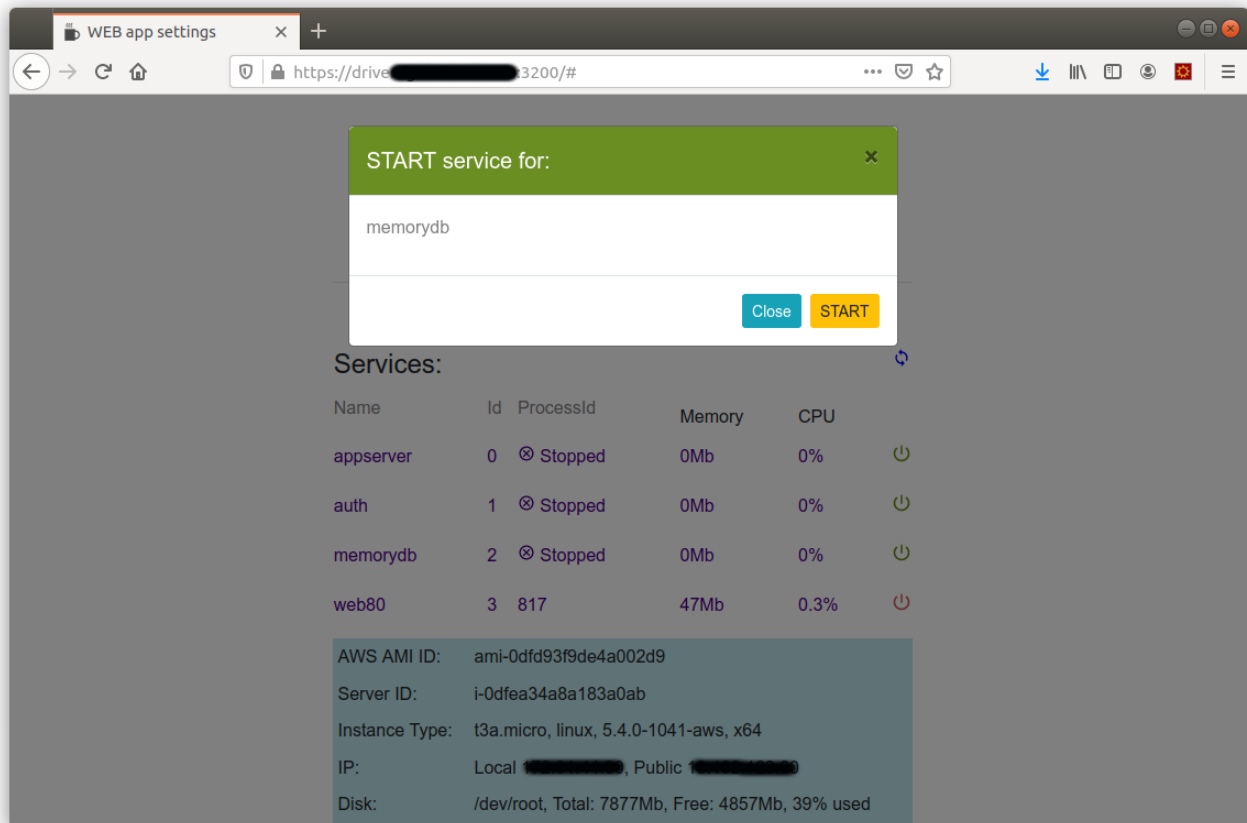
The installation of the web-app is done:



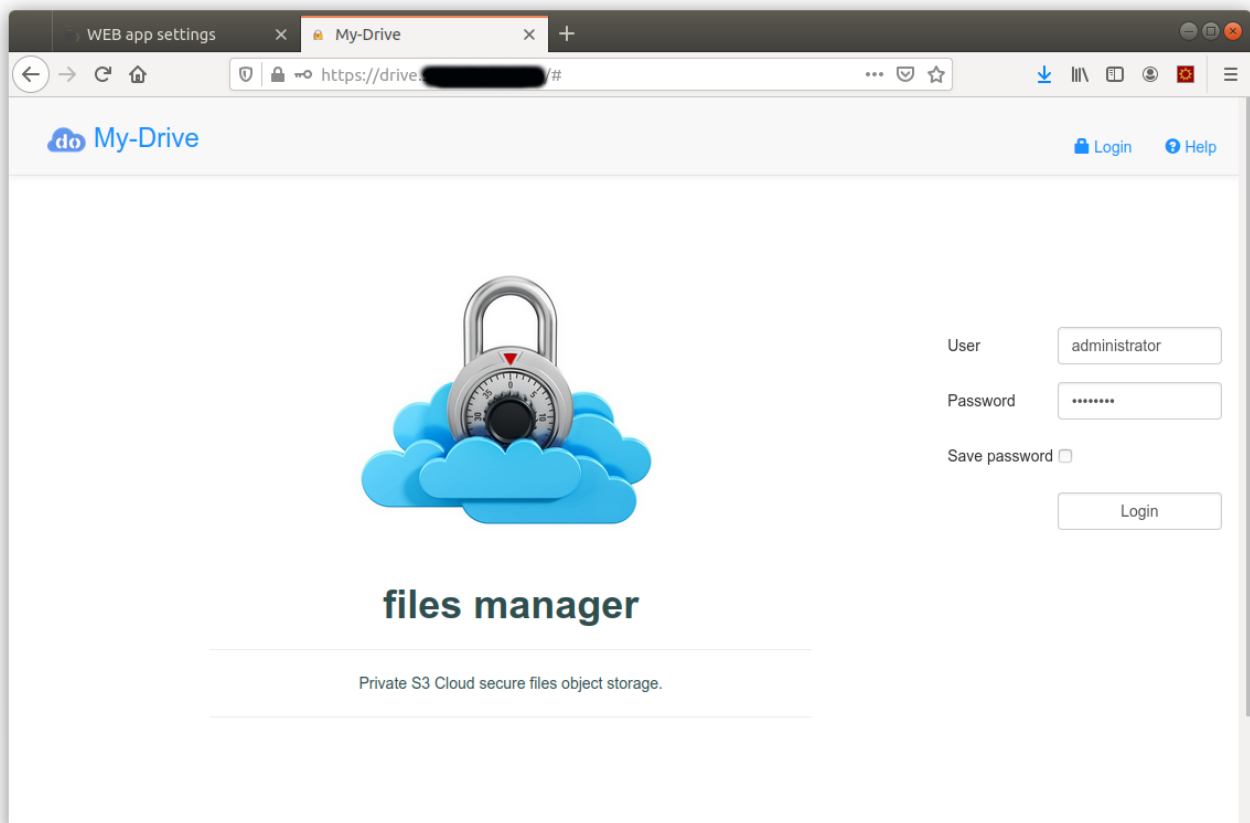
Open the Info and start the services starting with the MEMORYDB:



Start services:



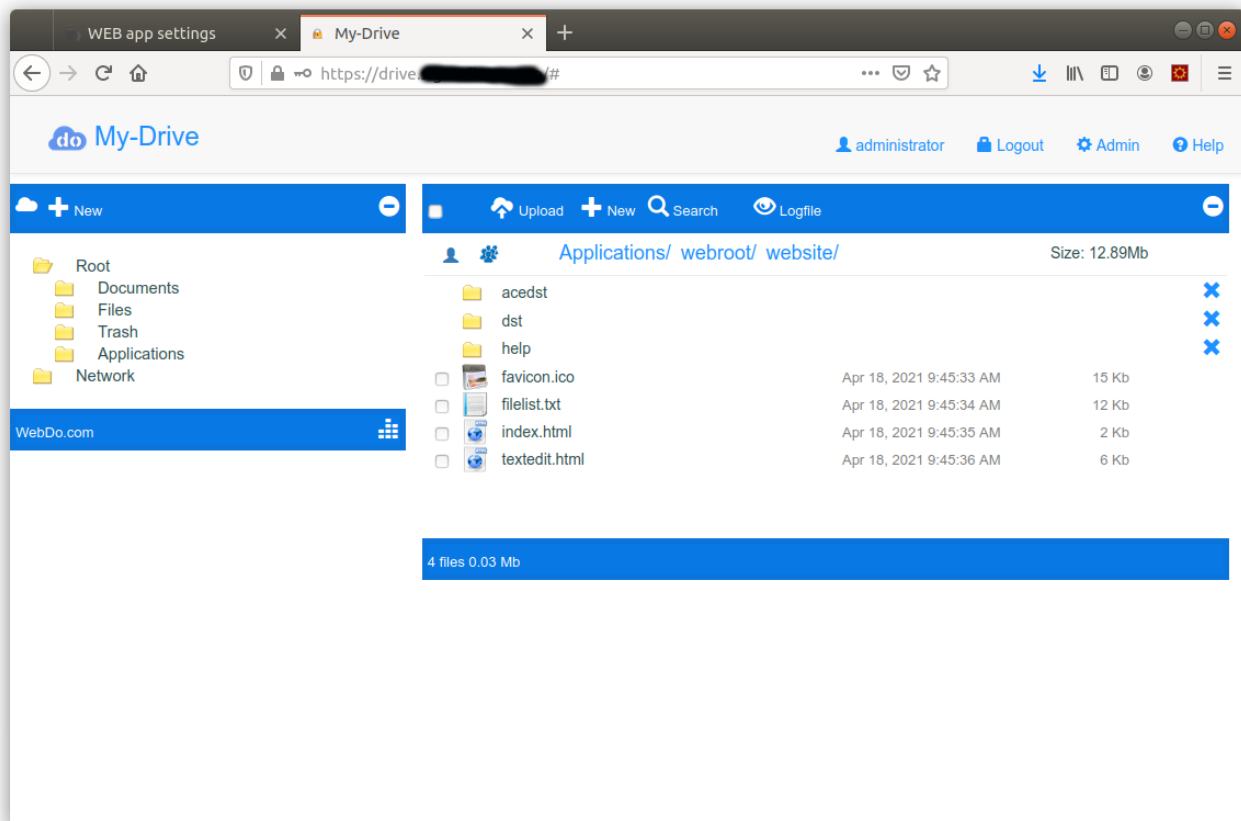
Navigate to `https:<address>`  
where address is your server URL as set into the DNS



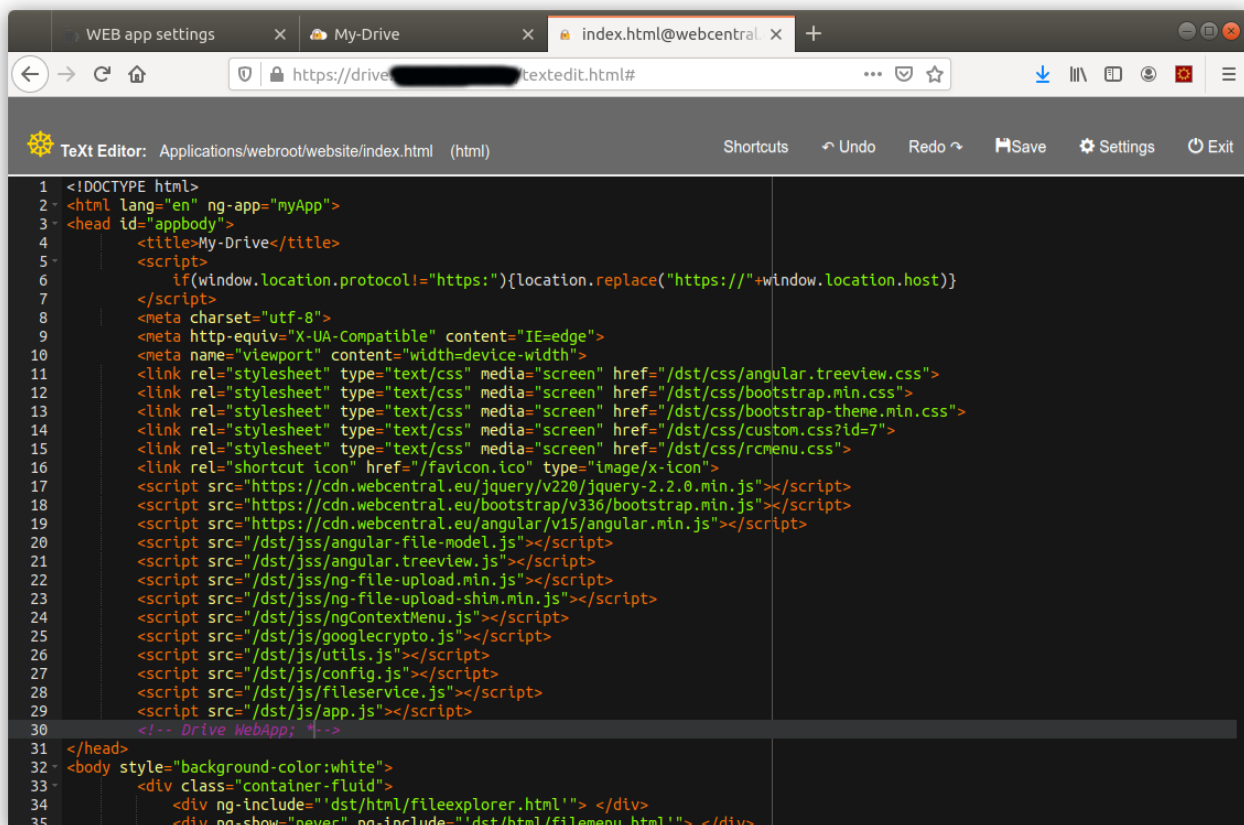


The web-app is up and running:

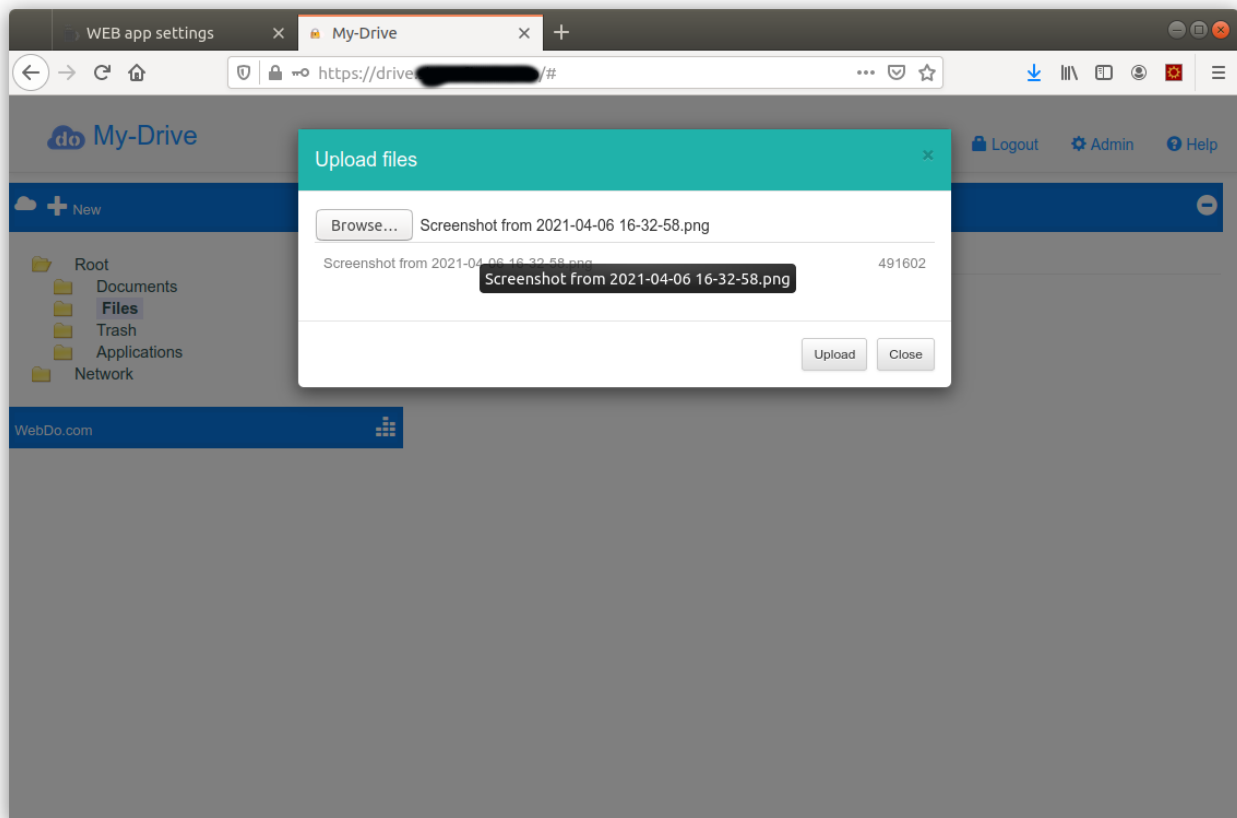
Here is the application as it is set into the S3 bucket ( can be seen on Administrator account )



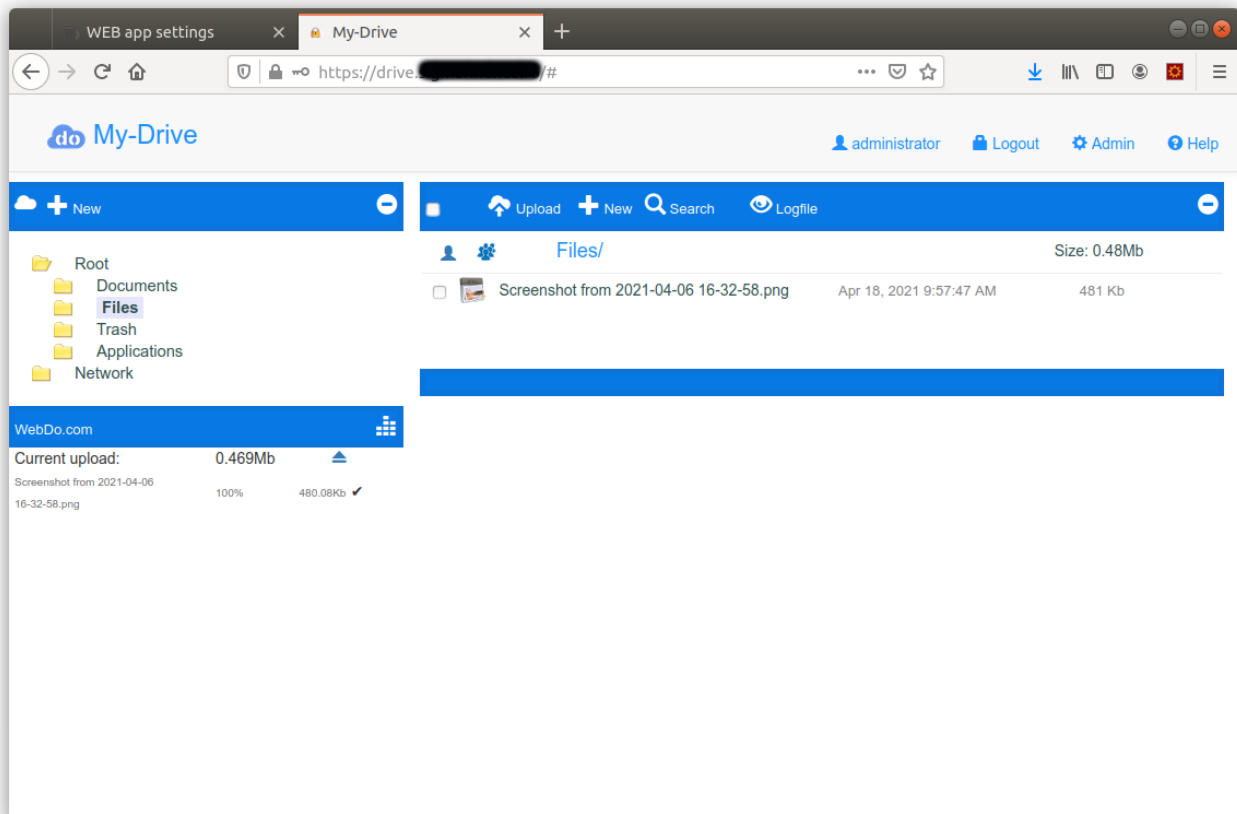
You can edit text based files of the app and upload what may be needed for a customization.



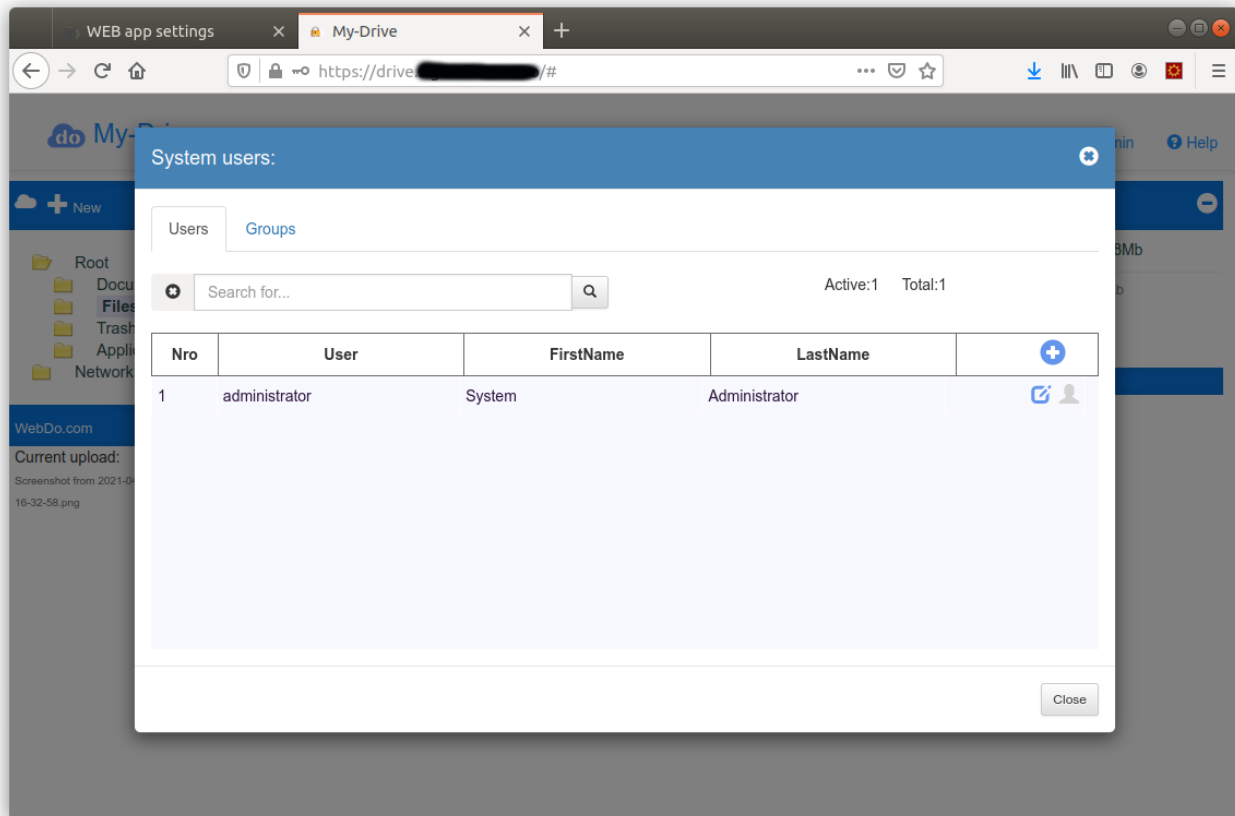
Upload sample:



Uploaded file:



Administrator account, the users and groups settings:



At this point the system is up and running.

Notes: