TECBox

INSTALLATION & DEPLOYMENT GUIDE

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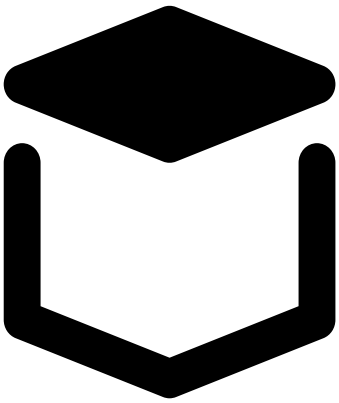

TECBox

INSTALLATION & DEPLOYMENT GUIDE

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First Edition, 2020.
2020, Costa Rica.
Costa Rica Institute of Technology.

Computer Engineering Academical Area
Databases. CE-3101.

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ANGULAR WEBSITE CLIENT

TECBox was developed by our team using the latest, most advanced techniques and frameworks available for web development. We are so excited to finally share this guide for all of you back end workers out there, whose task is to bring out services to your customers around the world.

First, a little bit of an introduction to the project structure that we used. There are three main folders in the provided source code.

Web - Standalone website server built with Angular framework for TypeScript.
App - iOS app for deliverers built with SwiftUI framework for Swift.
Server - REST API and Database that provides content and information.

We'll start the process of installing the website component. It is assumed that there's a dedicated machine where the service will be deployed, already set up for external web domain access.

IMPORTANT: If your organization intends on signing up for a third party hosting service like Azure, Firebase or Amazon Cloud, etc., it is recommended that you follow instead the default and updated guide for Angular deployment in those platforms, found on the link below.

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angular.io/build

Angular deployment for popular cloud services

This guide doesn't cover deployment for locally hosted IIS servers, as the specific configuration for those setups is more complex and requires a deeper understanding of network systems.

This guide is directed towards a higher level of abstraction form of deployment. However, the steps below need to be followed regardless.

The first step is to install the required tools to run the Angular framework locally. You'll need a consistent internet connection to download the necessary tools for web deployment.

Install NodeJS from the official website. Either the latest or stable build will work. If the machine you're using to deploy the app is running Windows or macOS, NodeJS comes with a simple installer. For Linux kernel based OSs, you'll need to compile the binaries for install.

nodejs.org

NodeJS comes with a package manager called npm, this will be used to install Angular on your machine. Once NodeJS is installed, run the following command on a Terminal window or the equivalent app to install the Angular web framework.

```
$ npm install -g @angular/cli
```

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Next, navigate using the cd command (change directory) to the Web folder in the downloaded project structure, outlined in the first part of this guide. Run the following command to install project dependencies using npm.

```
$ npm i
```

Once all dependencies are downloaded, run the following command to ensure everything works as expected.

```
$ ng serve
```

The Angular web application will be available at the address localhost:4200. If it doesn't visualize correctly, or there's an error with some external dependency, contact a member of our support team for assistance.

Once you made sure everything is in order, run the command below to compile a deployment version calibrated to your domain.

```
$ ng build  --prod  --base-href "your_domain_here"
```

Replace your_domain_here with the actual web address of deployment domain. This will create a new folder named dist inside the Web folder structure hierarchy. The files inside this new directory are already assigned to your domain.

From here it's just a matter of pushing the compiled website code to the hosting server. This step will depend on your specific hosting solution.

MOBILE APP

TECBox includes a complimentary mobile app for delivery people. It was build with the bleeding edge in mobile development frameworks: SwiftUI. This ensures the code and its respective functions remain consistent, lightweight and powerful across the board of devices your employees may be provided with.

There's never been a more advanced mobile delivery experience. We at Schlafenhase are so excited to finally share this incredible feature that will change the way package delivery is handled for the whole world.

TECBox Delivery App is ready to be deployed out of the box following the default iOS submission request process. Keep in mind you'll need an Apple Developer account and membership with App Store Connect to request a revision for uploading to the App Store.

The following link provides a comprehensive and updated guide for publishing an iOS app. As this may change in the future, it's better to ensure an up-to-date solution.

developer.apple.com/ios/submit/

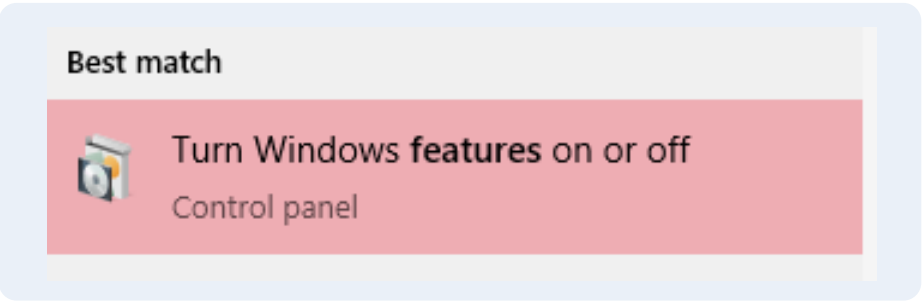
SERVER API & DATABASE

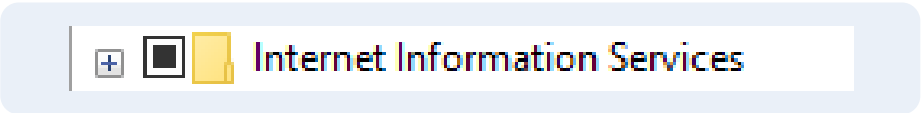
TECBoxs REST API, was built in ASP.NET with C#, but in order to install it, you will need IIS Manager. The following guide applies only to Windows systems.

IIS Manager Instalation:

1. Open the Windows Start Menu.

2. Type feature and select: Turn Windows features on or off.





3. Once you're there, tick Internet Information Services checkbox and click OK.

4. Congratulations! You successfully installed Iis Manager.

REST API Installation:

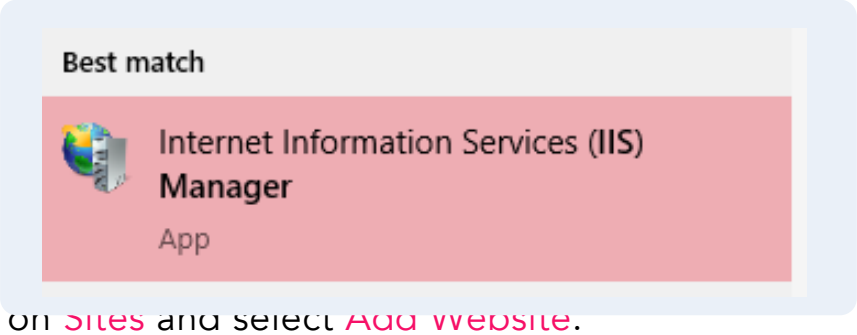
1. Scan the QR Code at the back of this manual, or manually access the following link to download the latest release of our server:

github.com/AlejandroIbarraC/TECBox/releases

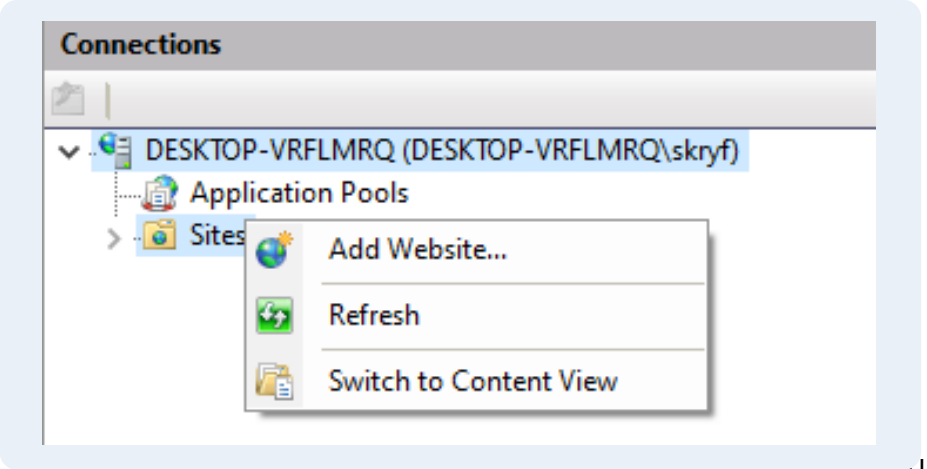
2. Unzip the file in local directory: C:\inetpub\wwwroot

3. Open the Windows Start Menu.

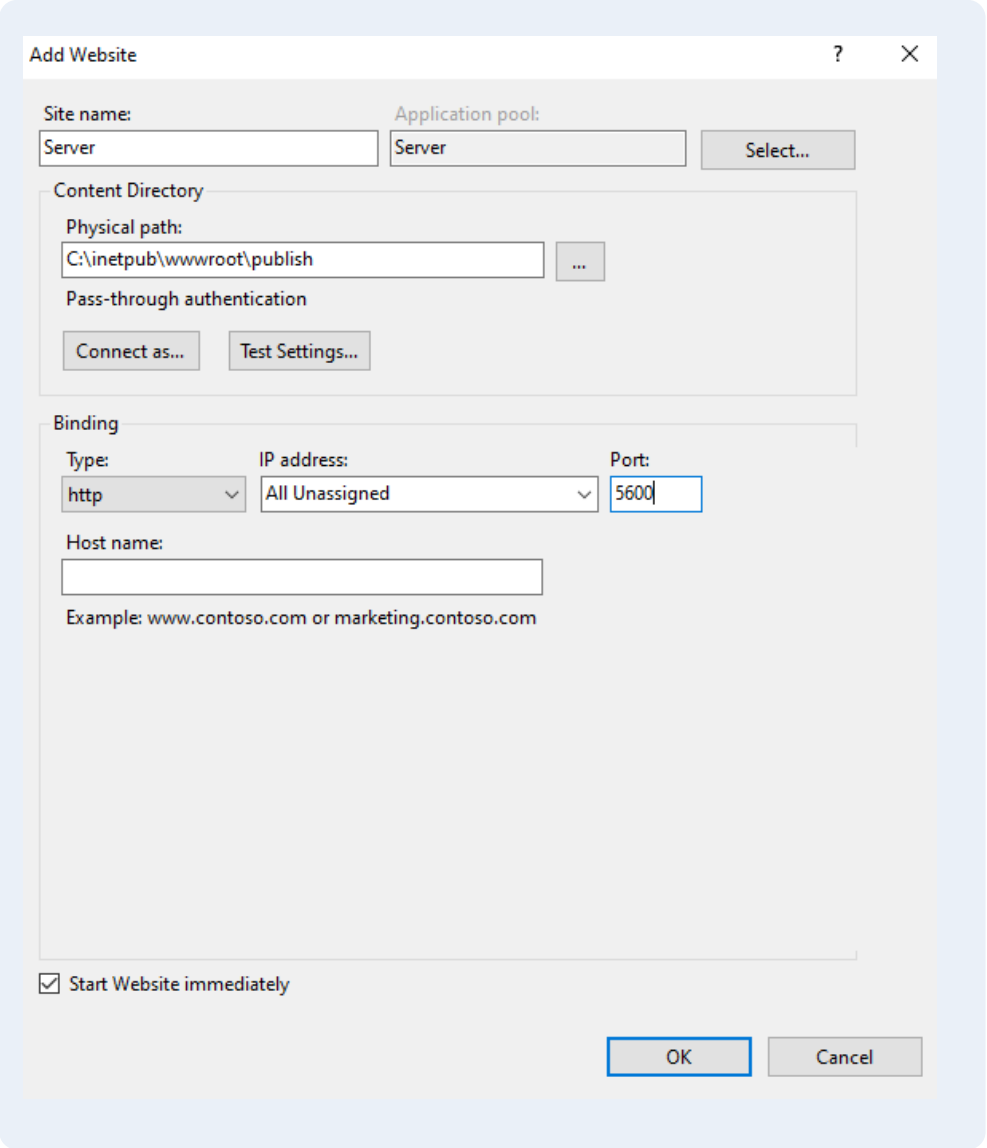
4. Type IIS Manager and click the following icon:



5. Right click on Sites and select Add Website.



6. In the new window that pops-up, write the site name, and in the physical path entry, search the file that you unzipped previously. Finally, choose a port that's not being used by the computer or network busy.



7. Congratulations! The REST API is now ready to use with TECBox.

Check out this project's source code on GitHub

SCAN ME

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