

Web Application Hosting



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Introduction

We are going to learn how to use a web application hosting, in my case I am going to use infinityfree, but you can also try with awardspace, the steps would be very similar with little differences.

Web Hosting

Creating an account

First of all we are going to go to the [InfinityFree webpage](https://infinityfree.com) and click at register, to create a new account, like Figures at 1:

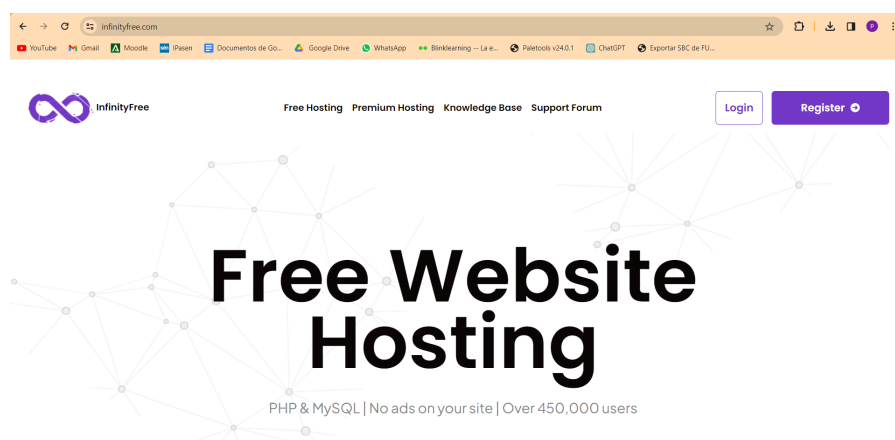


Figure 1: InfinityFree WebPage

Fill the form with your email and password, it will send you a confirmation email, so go to your email and click at confirm account, like Figure 2 does:

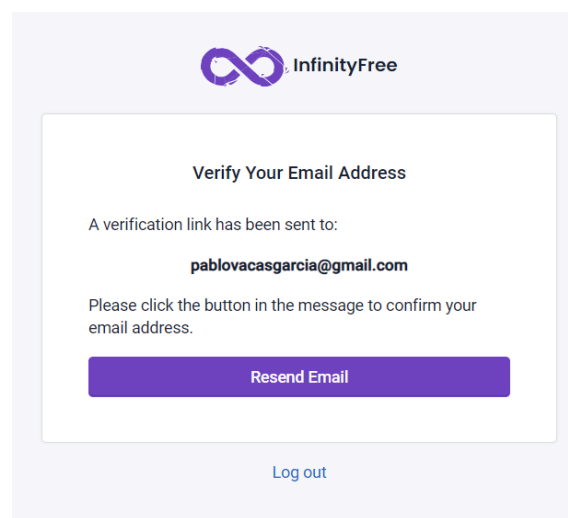


Figure 2: Creating an account

Creating a domain

Once we have created an account, we have to click at the button "Create Account" to generate a new domain, as it is shown at Figure 3:

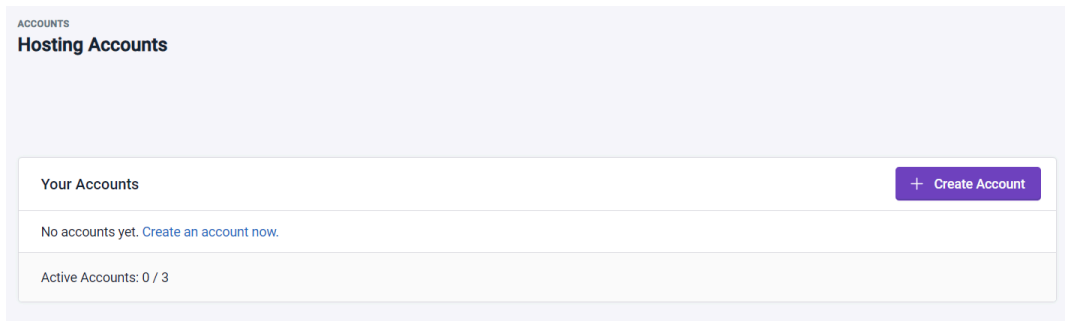


Figure 3: Creating a domain

In this case I am going to choose the free plan, so I will click at the option of Figure 4:

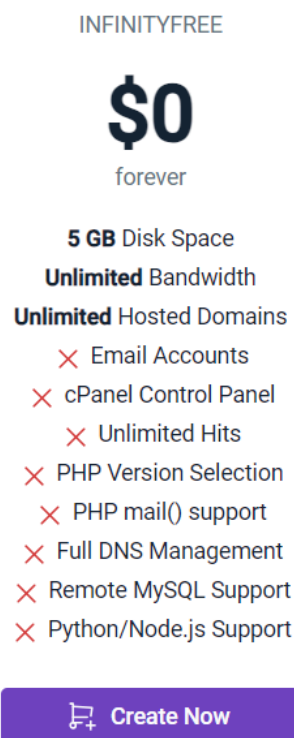
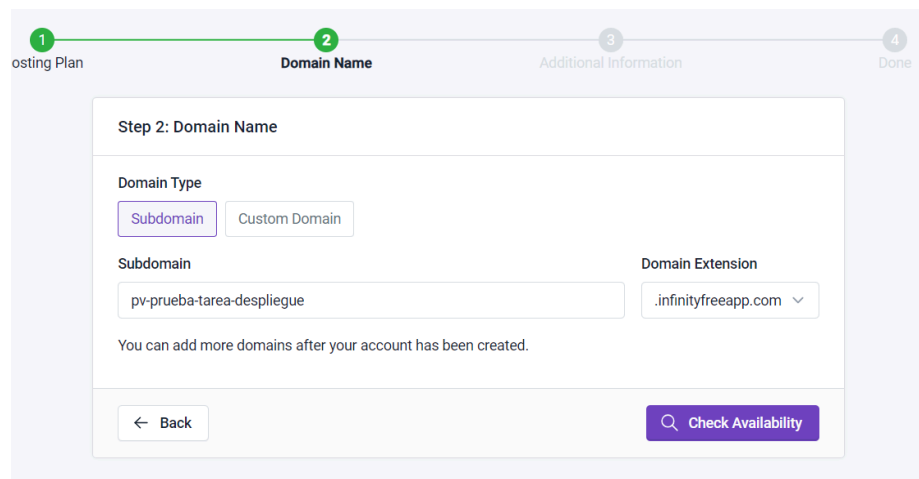


Figure 4: Selecting the plan

Then we have to think about a name for this domain, and check the availability of it, in my case I called it “pv-prueba-tarea-despliegue”, as you can see at Figure 5:



The screenshot shows a four-step progress bar at the top: 1. Hosting Plan, 2. Domain Name (active), 3. Additional Information, and 4. Done. The main content area is titled 'Step 2: Domain Name'. It contains a 'Domain Type' section with two buttons: 'Subdomain' (selected) and 'Custom Domain'. Below this is a 'Subdomain' text input field containing 'pv-prueba-tarea-despliegue' and a 'Domain Extension' dropdown menu showing '.infinityfreeapp.com'. A note states: 'You can add more domains after your account has been created.' At the bottom, there is a 'Back' button and a 'Check Availability' button with a magnifying glass icon.

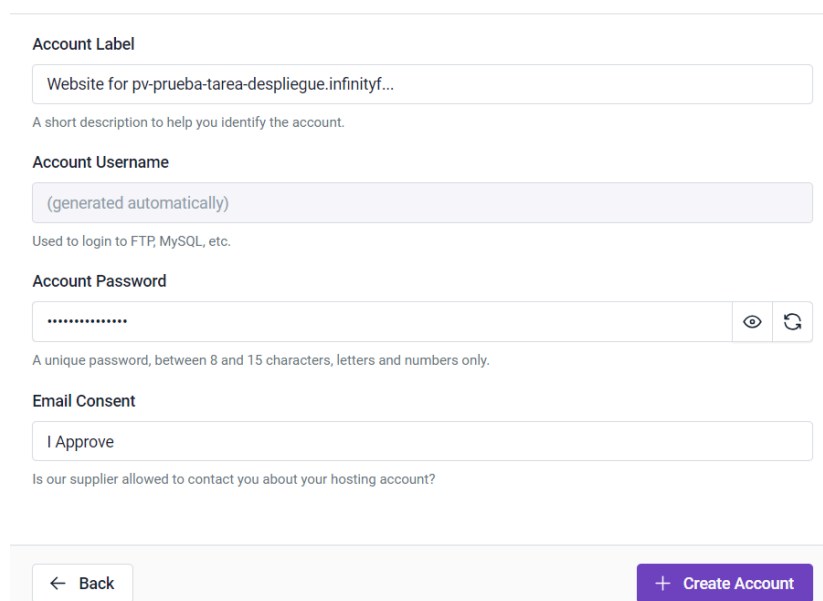
Figure 5: Naming the domain

If the domain is available it will show a message like Figure 6:



Figure 6: Checking availability

Then we have to choose an account label and a password, or just generating automatically, like Figure 7 does:



The screenshot shows a form titled 'Additional Information'. It has four sections: 'Account Label' with a text input field containing 'Website for pv-prueba-tarea-despliegue.infinityf...' and a note 'A short description to help you identify the account.'; 'Account Username' with a text input field containing '(generated automatically)' and a note 'Used to login to FTP, MySQL, etc.'; 'Account Password' with a password input field (masked with dots), a 'toggle visibility' icon, and a 'refresh' icon, with a note 'A unique password, between 8 and 15 characters, letters and numbers only.'; and 'Email Consent' with a text input field containing 'I Approve' and a note 'Is our supplier allowed to contact you about your hosting account?'. At the bottom, there is a 'Back' button and a 'Create Account' button with a plus icon.

Figure 7: Additional Information

And finally if we have done it correctly it will show a page like Figure 8:

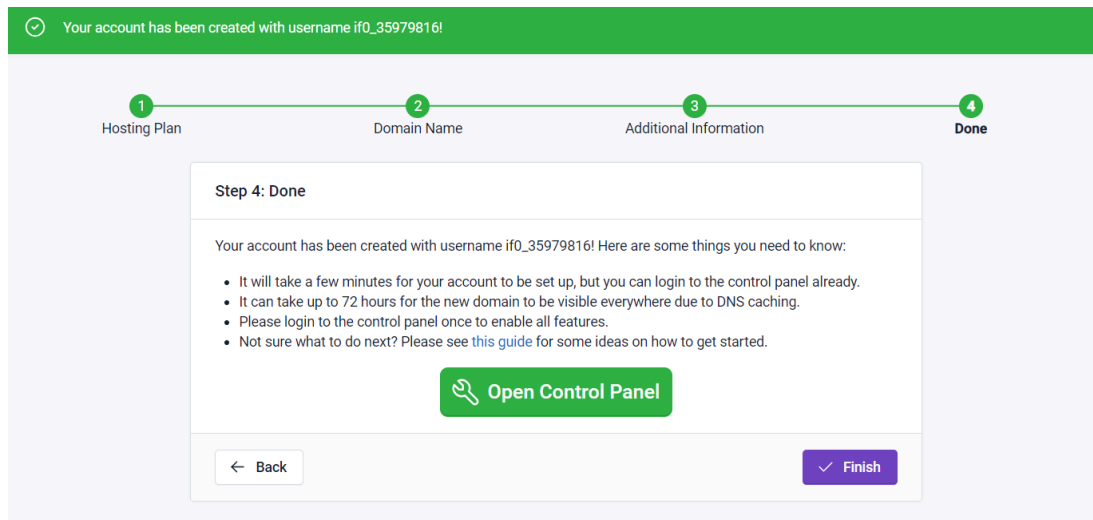


Figure 8: Domain Created Successfully

Uploading and editing files

After creating the domain, you'll see a panel, like in Figure 9, and firstly we are going to set the database, so click at MySQL Databases:

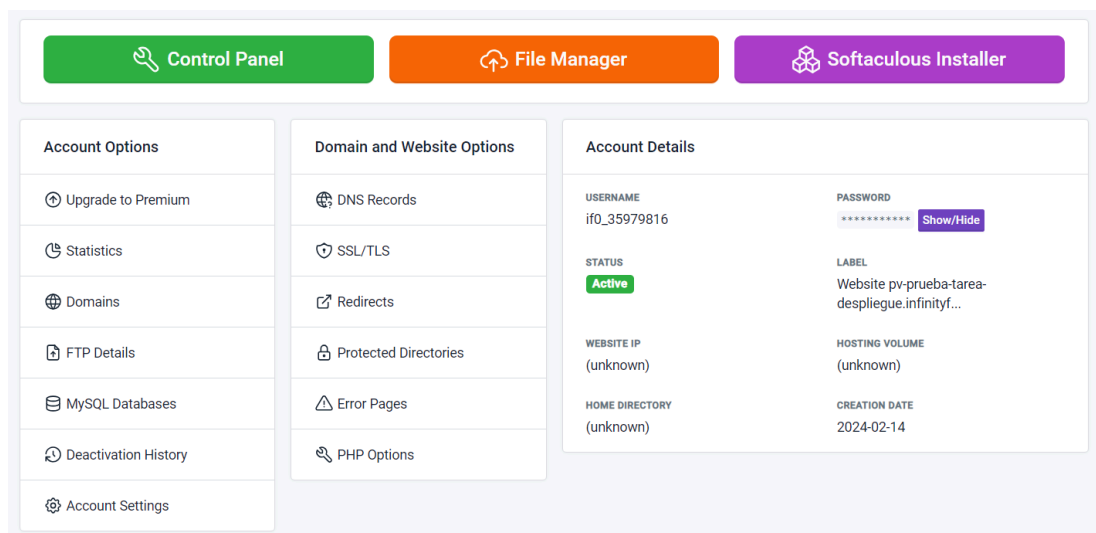


Figure 9: Creating the Database

Now we are going to click at Create a Database, like in Figure 10, it will ask you a name for it:

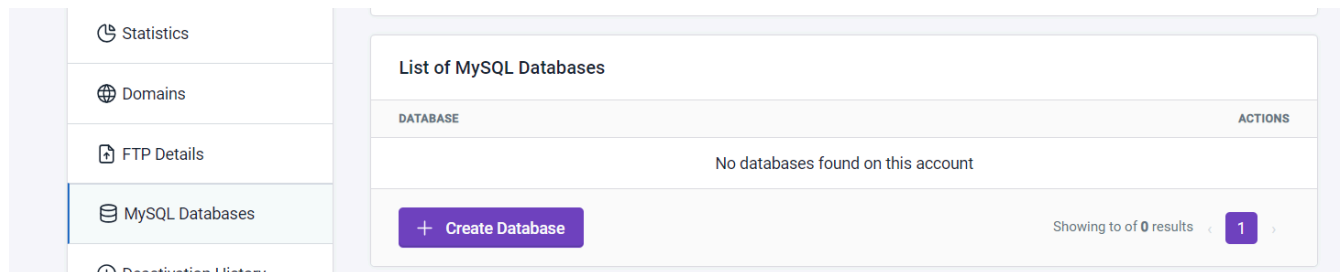


Figure 10: Creating the Database

Then we have to configure the database we have created, so we are going to click at phpMyAdmin to go to the Database Control Panel:

if0_35979816_peliculas

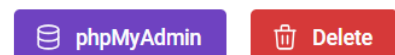


Figure 11: Configuring the Database

We are going to upload a existing Database, so we have to click at import and select the sql file, with the of the Database, like Figure 12 does:



Importando en la base de datos "if0_35979816_peliculas"

Archivo a importar:

El archivo puede ser comprimido (gzip, bzip2) o descomprimido.
Un archivo comprimido tiene que terminar en **[formato].[compresión]**. Por ejemplo: **.sql.zip**

Buscar en su ordenador: Ninguno archivo selec. (Máximo: 300MB)

También puede arrastrar un archivo en cualquier página.

Conjunto de caracteres del archivo: ▼

Figure 12: Importing the Database

After that, if we have done it well, it will show you a message like Figure 13:

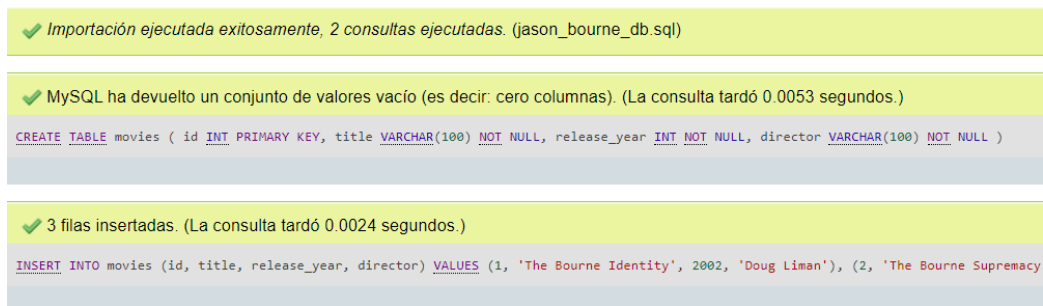


Figure 13: MySQL Message

Uploading files

Now we are going to set up the files for the web page, so we are going to click at File Manager, as Figure 14 does:

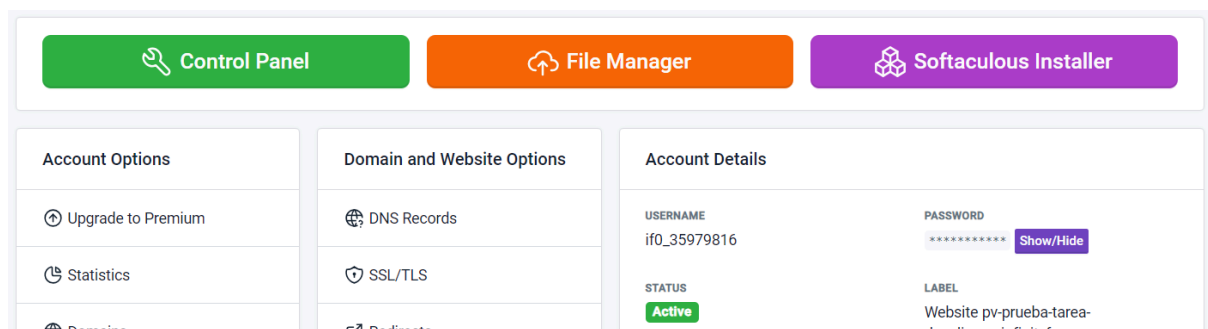


Figure 14: File Manager

You will see something like Figure 15, we are going to delete all the files and click at "htdocs" folder:

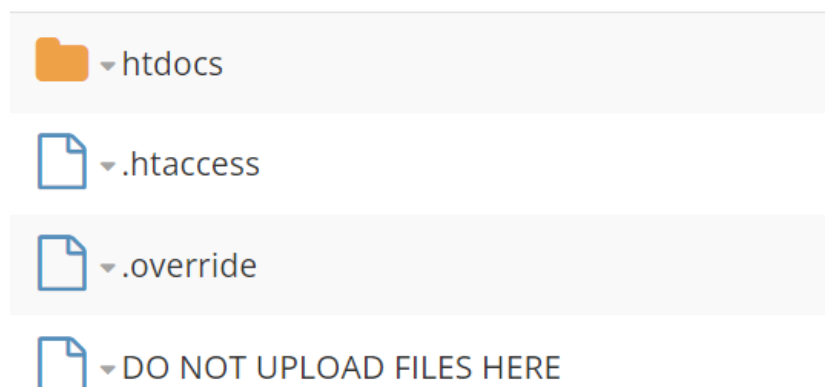


Figure 15: Deleting default files

At this folder we are going to upload the files of the web page, like Figure 16 does:

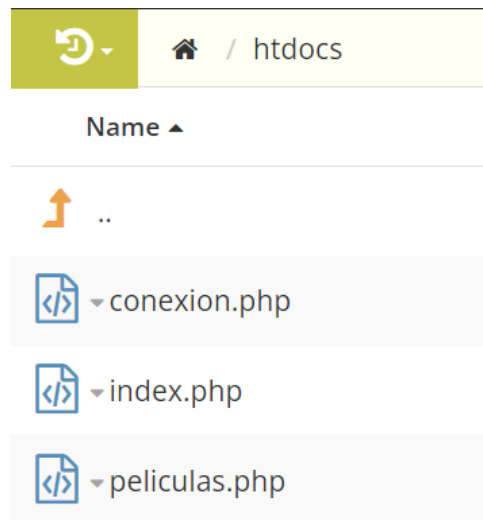


Figure 16: Uploading Files

To check if we have done it correctly, we can go to Domains and click at the url, we would see a page like Figure 18:

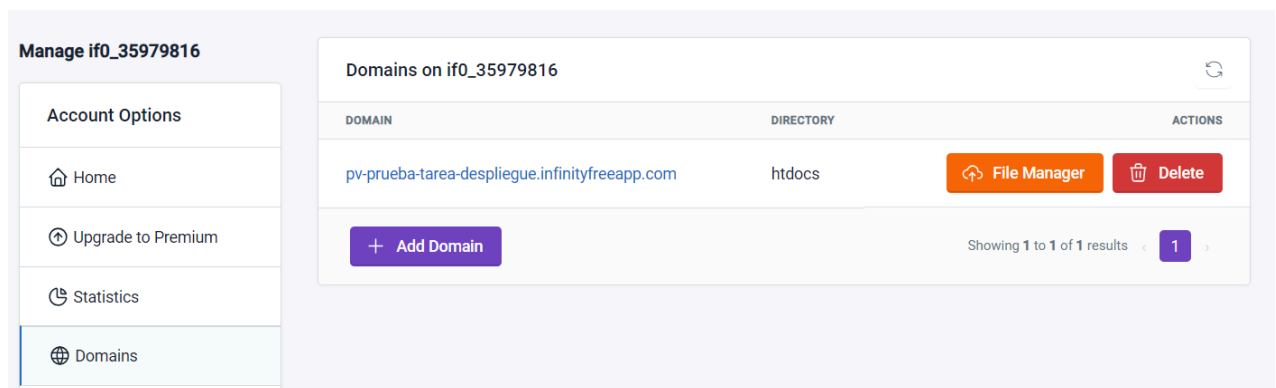
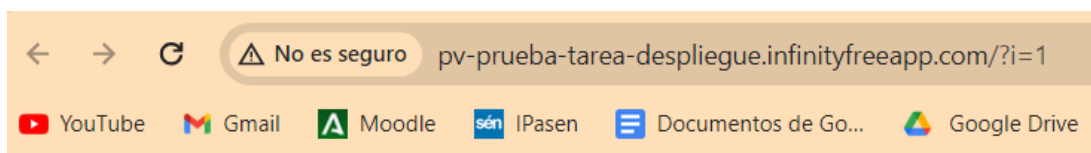


Figure 17: Our url



Películas de Matt Damon

Figure 18: Testing the web page

To let our web page look for the information of the Database, we have to edit the "conexion.php" file, and write our personal information (lines 2-5), as it is shown at Figure 19:

```
1  <?php
2  $servername = "sql300.infinityfree.com";
3  $username = "if0_35979816";
4  $password = "4y7Mg9Tn5PY";
5  $database = "if0_35979816_peliculas";
6
7  // Crear conexión
8  $conn = new mysqli($servername, $username, $password, $database);
9
10 // Verificar conexión
11 if ($conn->connect_error) {
12     die("Connection failed: " . $conn->connect_error);
13 }
14 ?>
```

Figure 19: Editing "conexion.php"

You can find that information at "MySQL Databases" page, like Figure 20:

MYSQL USERNAME	MYSQL PASSWORD	MYSQL DATABASE NAME
if0_35979816	4y7Mg9Tn5PY Show/Hide	if0_35979816_XXX (see below)
MYSQL HOSTNAME	MYSQL PORT (OPTIONAL)	
sql300.infinityfree.com	3306	

List of MySQL Databases

DATABASE	ACTIONS
if0_35979816_peliculas	phpMyAdmin Delete

[+ Create Database](#)

Showing 1 to 1 of 1 results [1](#)

Figure 20: Database Information

Finally you can check again the result at your url, and it will show a page like Figure 21:



Figure 21: Final Result

You can find my page at: <http://pv-prueba-tarea-despliegue.infinityfreeapp.com/>

Bibliography

For this project I followed the steps of the document given, and I used <https://www.infinityfree.com/> for the hosting.