



EKSELANS BY ITS

# USER MANUAL

## HS BASIC

280025

HotSpot with captive portal solution and network audit. 50 simultaneous users maximum. Power supply included.

V07

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## Interfaces, wiring and access to the equipment.


### Interfaces:

Depending on the equipment, you can physically switch to the following two models:

#### V1

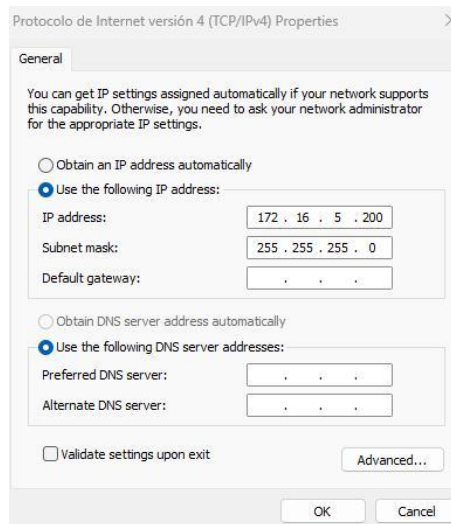
	<ol style="list-style-type: none"> <li>1. HDMI port: it is not useful for the user. It only must be used by TAS.</li> <li>2. ETH1 port: LAN <b>we will connect the client's devices that will filter the Hot Spot.</b></li> <li>3. ETH2 port: WAN port to be connected to the Internet output.</li> <li>4. USB port: it is not useful for the user. It only must be used by TAS.</li> <li>5. 5Vdc power connector: it is used to power the equipment.</li> <li>6. Reset: Used to reset the equipment. It should be only used in case of malfunction of the equipment.</li> <li>7. SD: Without use.</li> </ol>
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#### V2

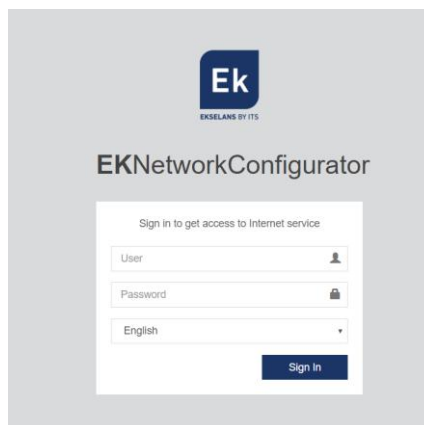
	<ol style="list-style-type: none"> <li>8. LAN1 port: LAN: <b>We will connect the client's devices that will filter the Hot Spot.</b></li> <li>1. LAN2 port: WAN port to be connected to the Internet output.</li> <li>2. 12Vdc power connector: it is used to power the equipment.</li> <li>3. Power button: <b>It must be pressed to turn on the device.</b></li> </ol> <p>The rest of the unnumbered interfaces are not used by the user.</p>
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## Access to the equipment

1. Connect to the **HOTSPOT** using a network cable to the **WAN** port. Configure the network adapter of the PC with a static IP. The **HOTSPOT** is supplied with a sticker and its IP on the back, generally, **172.16.5.209**. An IP will be configured keeping the first bold digits intact, for example: **172.16.5**.10. This step can also be carried out by following the above "**Wiring**" connecting the PC to the same SWITCH as the HOTSPOT.

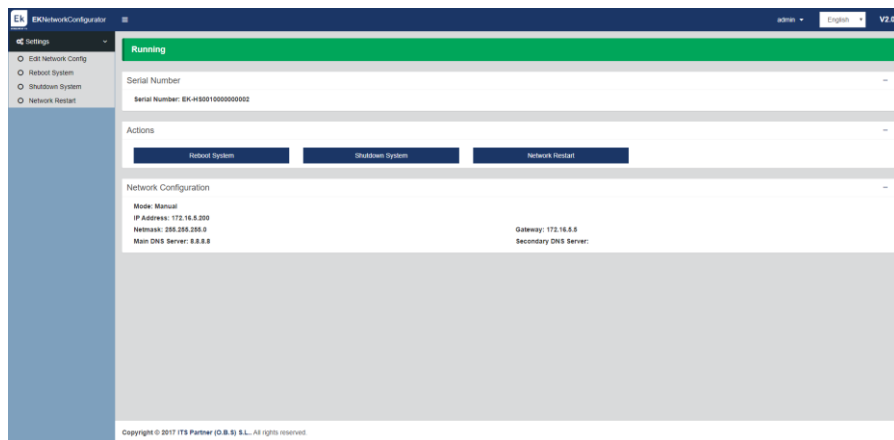


2. Open the browser on the assigned IP and add: **9090**. In our case for example the following URL: [http:// 172.16.5.209:9090](http://172.16.5.209:9090).



3. Default username and password **admin / password**.

## Configure IP



Click on the Settings menu the first option "**Edit Network Config**" in order to configure. Network.

Network Configuration

☒ Manual

**IP Address**

**Netmask**

**Gateway**

**Main DNS Server**

**Secondary DNS Server**

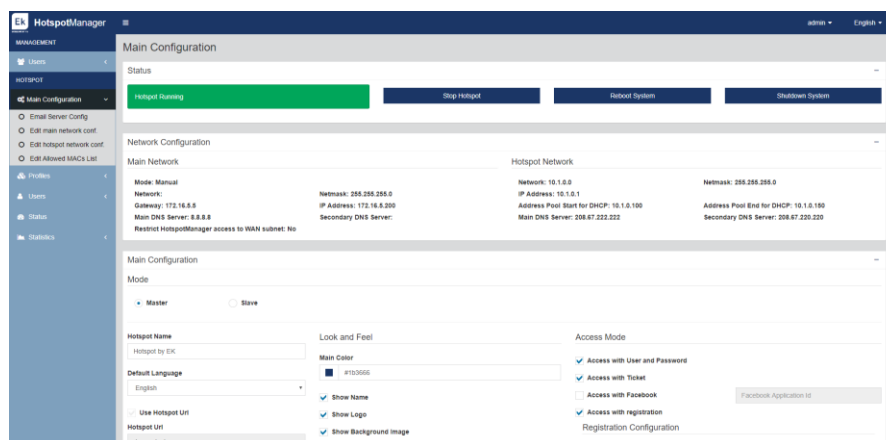
After setting up a static IP for our **Hotspot** within our network, click Save. You will need to restart the **Hotspot** and you will be able to access **Hotspot** from your Network.

Note: For HS to boot it is necessary for the HS to be on a network with internet network.

## Main configuration

To configure the service part of the **Hotspot** we must access the browser by the following UR **http://IP ASSIGNED:80**. In the case mentioned **we changed the IP** (configured in the previous step) and the port to 80.

Default user and password: **admin/Admin123**



## Edit hotspot network conf

It allows you to change the IP settings of both the Hotspot, as well as the range of IPs that customers will receive after connecting to the Hotspot.

In the menu on the left are the two options, clicking will open a window.

Network Configuration

Hotspot Network

Network

10.1.0.0

Netmask

255.255.255.0

IP Address

10.1.0.1

Address Pool Start for DHCP

10.1.0.100

Address Pool End for DHCP

10.1.0.150

Main DNS Server

208.67.222.222

Secondary DNS Server

208.67.220.220

Save

Cancel

## Email server config

It is necessary to configure the mail server in case you want to use the hotspot's email verification mode.

Email Server Config
×

☒ **SMTP Auth**

ssl

▼

Host

smtp.gmail.com

Port

465

User

HOTSPOT365488@gmail.com

Password

.....

Save

Cancel

## Edit allowed MACs

The MACs added in the list will not need to do a validation through the Hotspot. They have free passage.

Edit Allowed MACs List
×

Mac Address

+

-

Mac Address

## Main configuration

Main Configuration

Mode

☒ Master ☐ Slave

Hotspot Name  
Hotspot by EK

Default Language  
English

☒ Use Hotspot Url  
Hotspot Url  
demo.ek.plus

☒ Use Https Connection  
Https Configuration

Ticket Type  
☒ Numeric ☐ Alphanumeric  
Ticket Length  
10

Look and Feel

Main Color  
#103666

☒ Show Name  
☒ Show Logo  
☒ Show Background Image  
☐ Show Prelogin Page  
☒ Redirect to url after login  
Redirect Uri  
http://www.ek.plus

Edit Prelogin Page

Edit Terms Edit Privacy

Change Logo Change Icon Change Bg Image

Access Mode

☒ Access with User and Password  
☒ Access with Ticket  
☐ Access with Facebook  
Facebook Application Id  
☒ Access with registration

Registration Configuration

☐ Basic Registration ☒ Verified Registration (E-mail)

Profile  
Invitados

Optative Fields

☐ Security Code  
☒ E-mail  
☒ Room Number  
saddfs  
sdfsd

☐ Country  
☐ Configurable Field 1  
☐ Configurable Field 2

Save

**Hotspot name:** Name that appears on the HS screen.

**Default language:** This is the default language that will show customers by default.

**Use Hotspot url:** The URL that will appear to clients when they connect to the HS. The main IP will appear if you don't use this option.

- **Look and Feel:**
  - **Main color:** Color using the interface in a general way.
  - **Show Name:** Select to display the HS name.
  - **Show Logo:** Select to show logo.
  - **Show Background Image:** Select to display the background image.
  - **Show Prelogin Page:** Allows you to set up a previous page. This page will appear before the HS login page. Pressing the button will open a text editor to configure that page with HTML.
  - **Redirect to URL after login:** Once logged into the HS, you will be redirected to that page.
  - **Edit Terms:** Opens text editor to place the terms that will be visible on the HS screen.
  - **Edit Privacy:** Opens a text editor to place the privacy terms that will be visible on the HS screen.
  - **Change logo:** Allows you to select the LOGO that you want to show.
  - **Change icon:** This allows you to change the HS favicon that appears in the navigation bar.
  - **Change Bg Image:** Allows you to select a background image.



- **Access mode:** This section allows you to enable the different modes that the client will be able to use.
  - **Access with User and Password Access:** Enables this mode. If registered access is not enabled, users and passwords will have to be created by the HS manager.
  - **Access with Ticket:** Enables this mode. Tickets will be created in the Users section.
  - **Access with Facebook:** Turn on this mode. You have to enter the Facebook App ID.
  - **Access with registration:** Allows you to configure logging in basic mode or with verified logging. Verified registration involves verification of email, once the customer has registered the HS will give passage of access to the internet for 5 minutes in order for the client to receive an email to continue the HS registration process. The fields on the registration form are configurable in the Optional Fields option.

## Database Backup

Database Backup

☐ Weekly
 ☒ Monthly

Time  
 11:30:00

Days of the Month  
☒ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 ☐ 6 ☐ 7 ☐ 8 ☐ 9 ☐ 10 ☐ 11 ☐ 12  
☐ 13 ☐ 14 ☐ 15 ☐ 16 ☐ 17 ☐ 18 ☐ 19 ☐ 20 ☐ 21 ☐ 22 ☐ 23 ☐ 24  
☐ 25 ☐ 26 ☐ 27 ☐ 28 ☐ 29 ☐ 30 ☐ 31

Cloud copy  
☐ Ftp ☐ Google Drive

Ftp Configuration  
 Initialize G-Drive

Save

HS database backup allows you to export all navigation data logged by the HS.

You can select the backup the way you want, as weekly or monthly. As well as to set the time and day.

The backup is an incremental copy you can download manually or export the copy to the cloud by FTP or by G-Drive.

## Profiles

Id	Name	Idle Session Timeout (sec)	Duration (sec)	Max Upload Bandwidth	Max Download Bandwidth	Max Traffic	Start Date	End Date
5	Invitados	-	-	-	-	-	2019-12-10 00:00:00	2019-12-18 00:00:00

When you create a customer, it is assigned to a profile. Profiles allow you to limit customers in certain ways. In the menu on the left you can create or delete profiles.

Profiles

Name

Start Date

End Date

Remember User

Restrictions

Limit session idle time

Limit Connection Duration

Duration (sec)

Immediate Act.

Wallet Mode

Limit Data Traffic

Max Upload Bandwidth

Max Download Bandwidth

Max Traffic

Create Profile

Cancel

Name: Profile name.

Start date: Date when profiles settings are valid.

End date: Date when the profiles settings are no longer valid.

Remember User: If enabled clients who connect and disconnect from Wi-Fi will not have to re-validate to HS.

Max Simultaneous Connections: Number of devices that can be used by the same user.

Limit session idle time: When user has been validated, but is not doing anything. In order to keep the HS from consuming resources the session will logs off.

Limit connection duration: Determines whether the profile will be a certain time. The duration is set to second. If we want the profile to only last 1h we will put 3600.

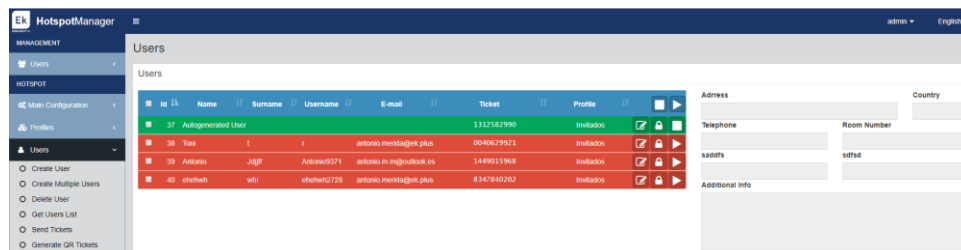
Immediate Act: The duration time starts once the user is

created.

Wallet Mode: Only counts the time they have been connected.

Limit data traffic: We can assign a maximum upload and download, as well as the maximum amount that the user can use data. KB, MB or GB.

## Users



Displays the list of all users, as well as their information and their status.

In the left menu you will find several options.

### Create user

To create the user, simply fill in the left form. It is important to note that the user will be linked to a Profile. This profile will mark and determine user restrictions.

### Create multiple users

This option is previously referred to as "Ticket". In that way we create multiple user and link them to a specific Profile.

## Get user list

Allows you to export the selected users in different formats. Also, it is possible to determine the amount of information to export.

Get Users List

Fields to Show

- ☒ User Id
- ☒ Username
- ☒ E-mail
- ☐ Country
- ☒ Name
- ☒ Ticket
- ☐ Telephone
- ☐ Room Number
- ☒ Surname
- ☒ Profile
- ☐ Address
- ☐ Additional Info

Output Format

- ☒ Pdf File
- ☐ Plain txt File
- ☐ CSV File
- ☐ Excel XLS File

Generate File Cancel

## Send tickets

Hotspot sends emails in order to give access client. Client's email data must be configured as well as the SMTP sent data in order to send tickets options works well.

Send Tickets

Language

English

E-mail message

Standard

Send Tickets Cancel

## Generate QR tickets

Generate "Tickets" of the selected users in order to print them.

Generate QR Tickets

Language

English

Output Format

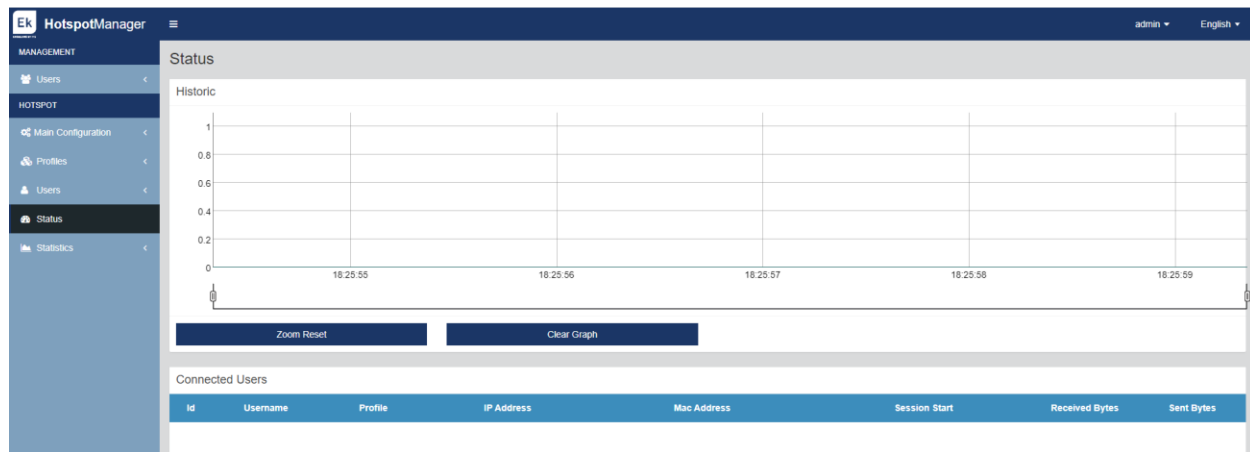
- ☒ All tickets in one file
- ☐ Each ticket in one file
- ☐ All tickets in one file for printing

Generate File Cancel

## Status

This display HS monitors in real time. This option displays connected clients and their relevant information.

The real-time graph shows us the traffic that the HS is currently processing.



## Statistics

The HS is prepared to be able to record all customer data in order to comply with European regulations 2016/679.

On this screen you can filter these records based on different search values.

The URL field will show all sites that customers have accessed.

**NOTE: Any direct or indirect URLs will be affected. When we load a web address that loads multiple addresses to shows the pages. Such addresses will also be stored.**

Username	Profile	IP Address	Mac Address	Session Start	Session Stop	Received Bytes	Sent Bytes
mail	Hotspot	10.1.0.100	84-9D-06-95-85-8C	2019-12-13 11:08:21	2019-12-13 12:28:28	1.2 MB	4.7 MB
0	Hotspot	10.1.0.100	F8-A2-06-8F-67-A9	2019-12-19 10:06:54	2019-12-19 11:40:30	14.5 MB	4.7 MB
Autosend071	Hotspot	10.1.0.100	7C-03-A8-89-68-90	2019-12-19 12:32:30	2019-12-19 12:37:33	301.1 KB	963.4 KB
ekselans028	Hotspot	10.1.0.101	F8-A2-06-8F-67-A9	2019-12-19 12:34:48	2019-12-19 12:39:06	0.6 MB	768.6 KB

Once the different elements are established, the users who meet the search criteria will appear

## Manage database backups

Allows you to download backups and delete them. It also shows the free space on the hard drive.

Filename	Creation Date	Size
database_backup_2019063000000...	2019-06-30 00:00:00	1.2 KB
database_backup_2019073100000...	2019-07-31 00:00:00	1.2 KB
database_backup_2019093000000...	2019-09-30 00:00:00	1.2 KB
database_backup_2019103100000...	2019-10-31 00:00:01	74.4 KB
database_backup_20191118113000...	2019-11-18 11:30:01	95.8 KB
database_backup_20191125113000...	2019-11-25 11:30:00	19.8 KB
database_backup_20191202113000...	2019-12-02 11:30:00	2.9 KB
database_backup_20191209113000...	2019-12-09 11:30:00	25.4 KB

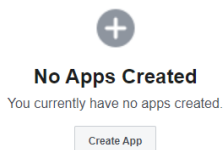
Free Disk Space: 98.78 GB

Ok

## Connect Hotspot to Facebook

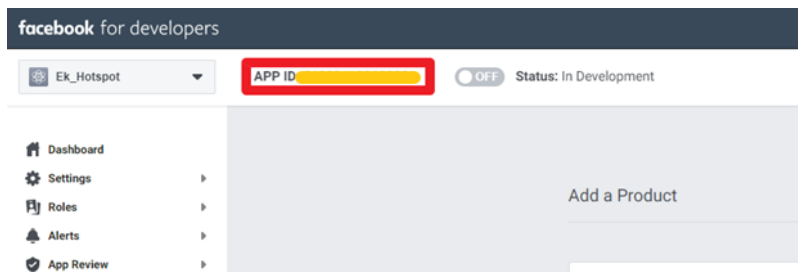
The Facebook Hotspot URL is the <https://developers.facebook.com/apps/>. This Url is necessary in order to connect the **Hotspot** to **Facebook**, then follow the steps below:

1. Add a new app on Facebook.

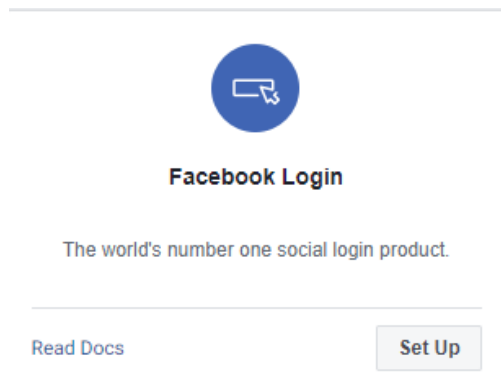


2. We create the id.

3. We get the ID.




4. Click on Facebook login.




5. We select WEB App.


Use the Quickstart to add Facebook Login to your app. To get started, select the platform for this app.




IOS



Android



Web



Other

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**1. Tell Us about Your Website**

Tell us what the URL of your site is.

**Site URL**

We enter the URL that is the same one that is inside **Hotspot**.

**Hotspot Name**

**Default Language**

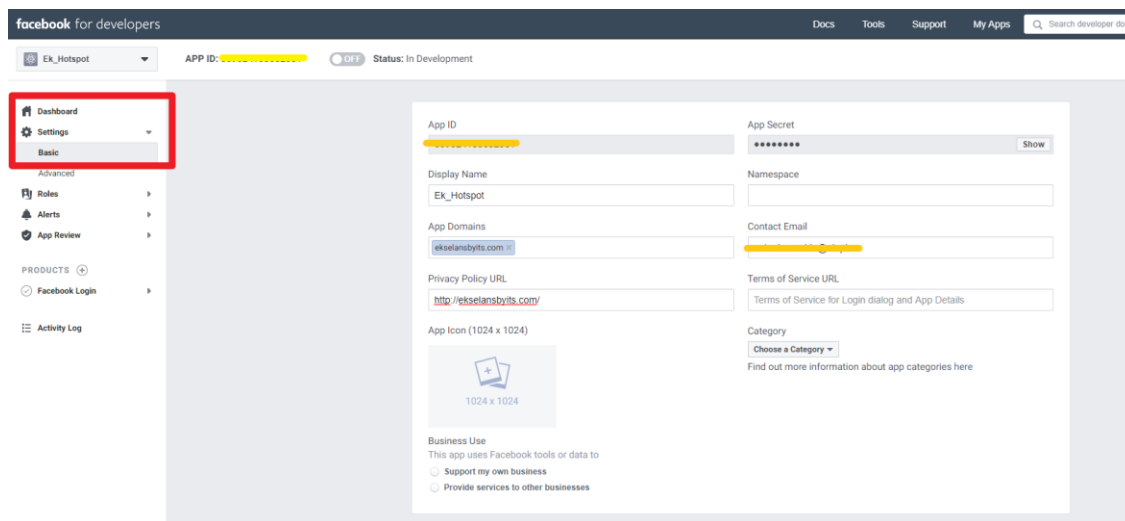
English ▼

☒ Use Hotspot Url

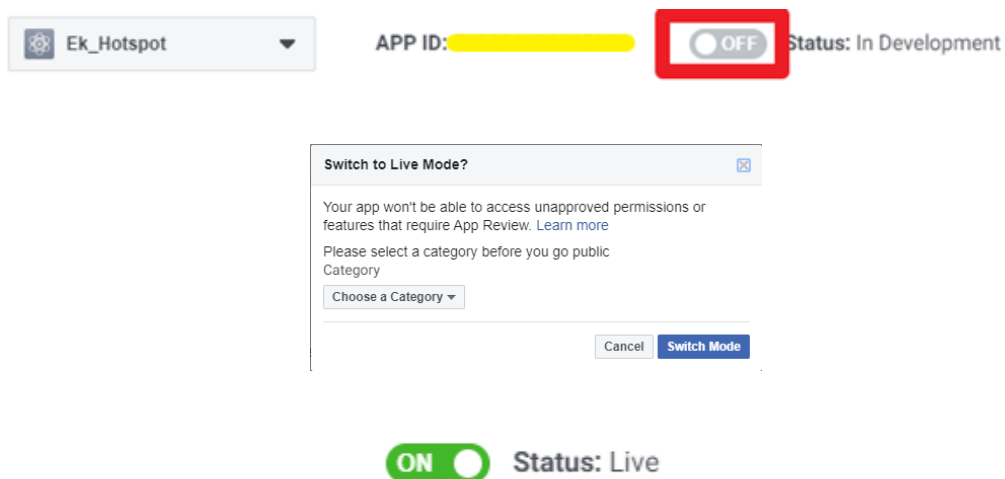
**Hotspot Url**



- Let's go to configuration and then to basic configuration and configure **app domain** and **privacy policy URL**.



- We publish and accept the publication.

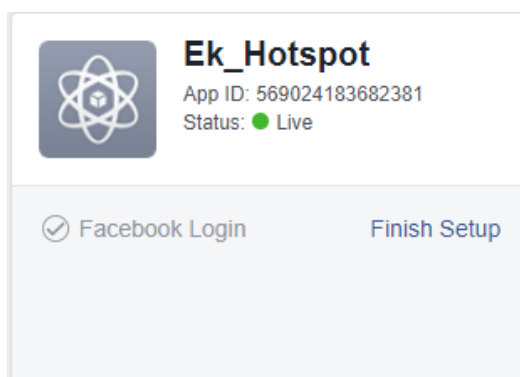


8. We put the Id in our Hotspot.

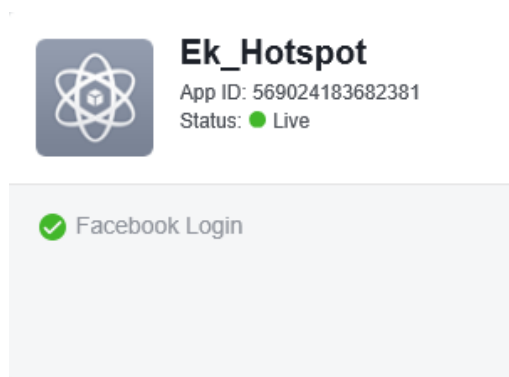
Mode  
☒ Master ☐ Slave

<b>Hotspot Name</b> Hotspot by EK <b>Default Language</b> English <input checked="" type="checkbox"/> Use Hotspot Uri Hotspot Uri	<b>Look and Feel</b> <b>Main Color</b> #113666 <input checked="" type="checkbox"/> Show Name <input checked="" type="checkbox"/> Show Logo <input checked="" type="checkbox"/> Show Background image	<b>Access Mode</b> <input checked="" type="checkbox"/> Access with User and Password <input checked="" type="checkbox"/> Access with Ticket <input checked="" type="checkbox"/> Access with Facebook <input type="text" value="569024183682381"/> <input checked="" type="checkbox"/> Access with registration Registration Configuration
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9. Final result first photo.



Picture 1



Picture 2

Minutes later it has to look like in the second photo.