



EKSELANS BY ITS

USER MANUAL

HS RACK+

390021

Professional HOTSPOT including 2 modules: professional captive portal + network analyzer and activity registration. 19" rack format. For up to 2000 simultaneous users.

V01

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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:

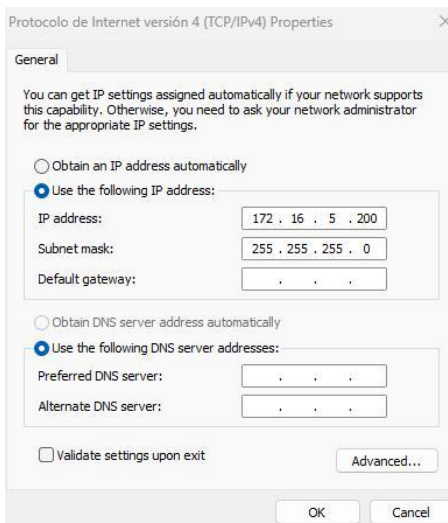
	<ol style="list-style-type: none"> 1. HDMI port: It has no use for the user. Only usable by SAT. 2. ETH1 port: LAN port, we will connect the devices of the client that will filter the Hot Spot. 3. ETH2 port: WAN port that will connect to the internet. 4. Serial port: Not used for client, only for SAT. 5. Power: The power supply is located on the back of the machine.
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V2:

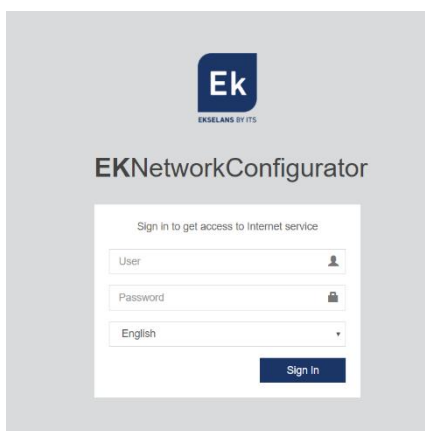
	<ol style="list-style-type: none"> 1. HDMI port: It has no use for the user. Only usable by SAT. 2. LAN port 1: LAN port, we will connect the client devices that will filter the Hot Spot. 3. LAN port 2: WAN port that will connect to the internet. 4. Serial/USB port: Not in use for client, only for SAT. 5. Power: The power supply is located on the back of the machine.
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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.

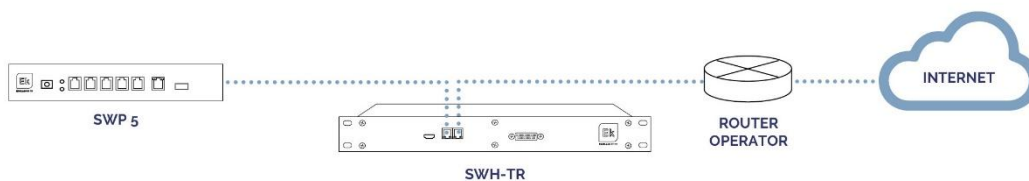


2. Open the browser on the assigned IP and add: **gogo**. In our case for example the following URL: [http:// 172.16.5.209:9090](http://172.16.5.209:9090).



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

Installation diagram

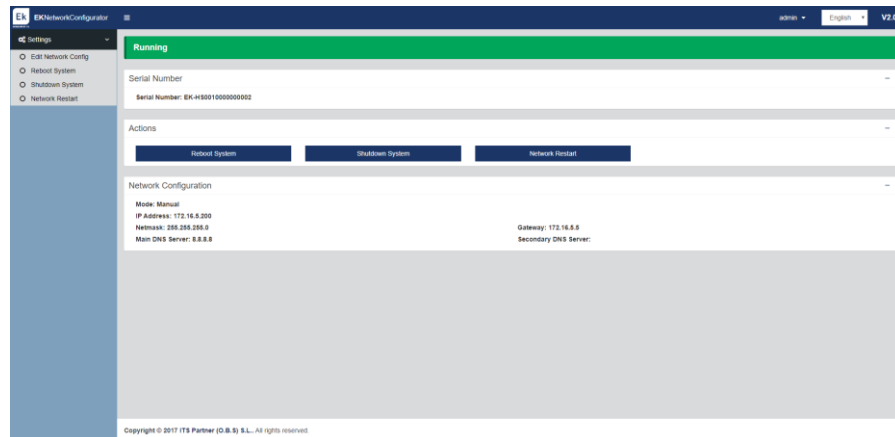


The WAN connector of the Hotspot will be directly connected to the Router where an internet network can be obtained.

The Hotspot LAN connector will be connected to a switch in order to distribute Hotspot functionality to our network.

Configure IP

Inside the **Hotspot**, the license needs to be activated, this process will register the **Hotspot** and update it. For the process to work properly is necessary that Hotspot to have access to the Internet network. We will proceed to configure the IP of the **Hotspot**.



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

Network Configuration

☒ Manual

IP Address

172.16.5.200

Netmask

255.255.255.0

Main DNS Server

8.8.8.8

Gateway

172.16.5.5

Secondary DNS Server

Save

Cancel

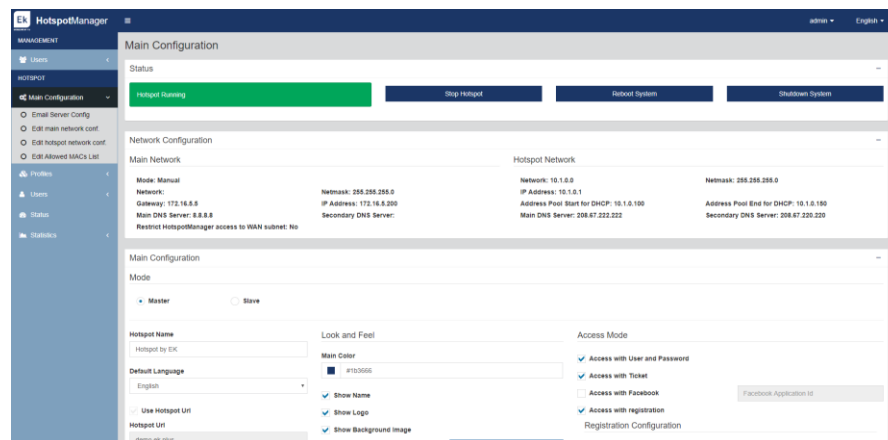
After setting up a static IP for our **Hotspot** within our network, click Save. You will need to restart the **Hotspot** and you will be able to access **Hotspot** from your Network.

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

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, unless you do not 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 open a text editor to be able to configure that page by 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
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 ☐ 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 in a Week and Monthly way. 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	2039-12-18 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 profile settings are valid.

End date: Date when the profile setting is no longer valid.

Remember User: Enabled clients who connect and disconnect from Wifi 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.

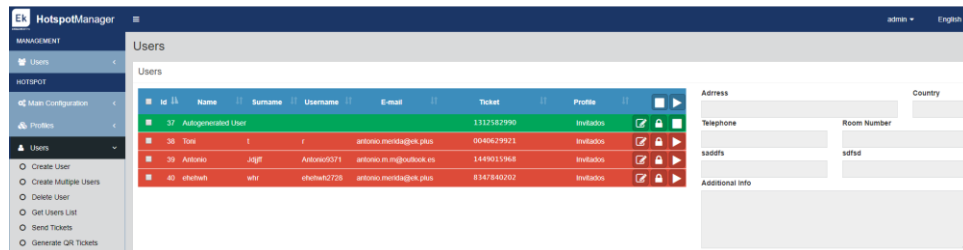
Limit connection duration: Determines whether the profile will be a certain time. The duration is set to second. If we want the profile to only last 1h we will put 3600.

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 their status too.

In the menu on the left 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 ☒ Name ☒ Surname
☒ Username ☒ Ticket ☒ Profile
☒ E-mail ☐ Telephone ☐ Address
☐ Country ☐ Room Number ☐ Additional Info

Output Format

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

Generate File Cancel

Send tickets

Hotspot send email 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

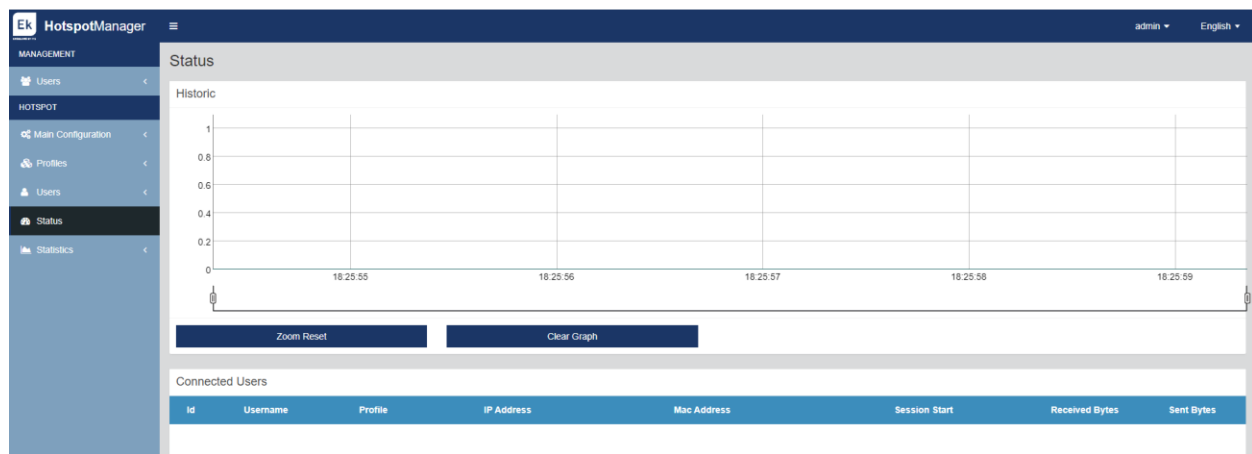
☒ All tickets in one file
☐ Each ticket in one file
☐ All tickets in one file for printing

Generate File Cancel

Status

This display HS monitors in real time. This option displays to us connected clients and their more 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	Instaboo	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	Instaboo	10.1.0.100	FB-A2-06-8F-67-A9	2019-12-19 10:06:54	2019-12-19 11:40:30	14.5 MB	4.7 MB
Autosnel0071	Instaboo	10.1.0.100	7C-03-48-89-68-90	2019-12-19 12:32:30	2019-12-19 12:37:33	301.1 KB	963.4 KB
ekselans0228	Instaboo	10.1.0.101	FB-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 show to us.

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	Actions
database_backup_2019063000000...	2019-06-30 00:00:00	1.2 KB	[Download] [Delete]
database_backup_2019073100000...	2019-07-31 00:00:00	1.2 KB	[Download] [Delete]
database_backup_2019093000000...	2019-09-30 00:00:00	1.2 KB	[Download] [Delete]
database_backup_2019103100000...	2019-10-31 00:00:01	74.4 KB	[Download] [Delete]
database_backup_20191118113000...	2019-11-18 11:30:01	95.8 KB	[Download] [Delete]
database_backup_2019112511300...	2019-11-25 11:30:00	19.6 KB	[Download] [Delete]
database_backup_2019120211300...	2019-12-02 11:30:00	2.9 KB	[Download] [Delete]
database_backup_2019120911300...	2019-12-09 11:30:00	25.4 KB	[Download] [Delete]

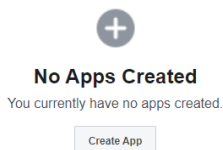
Free Disk Space: 96.78 GB

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.

Create a New App ID

Get started integrating Facebook into your app or website

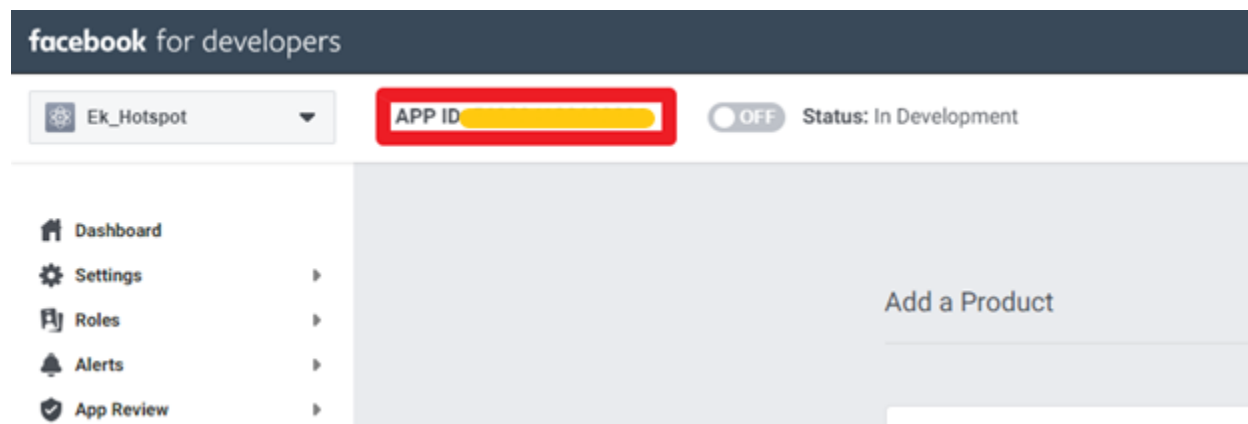
Display Name
Ek_Hotspot

Contact Email
[redacted]

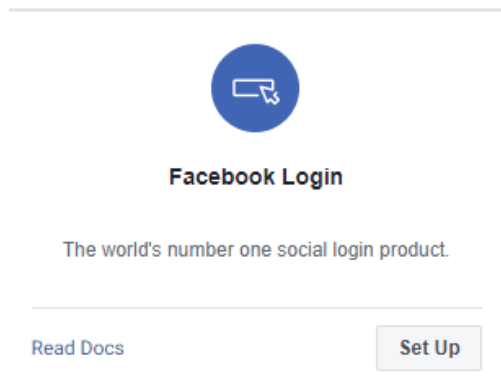
By proceeding, you agree to the Facebook Platform Policies

Cancel Create App 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

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

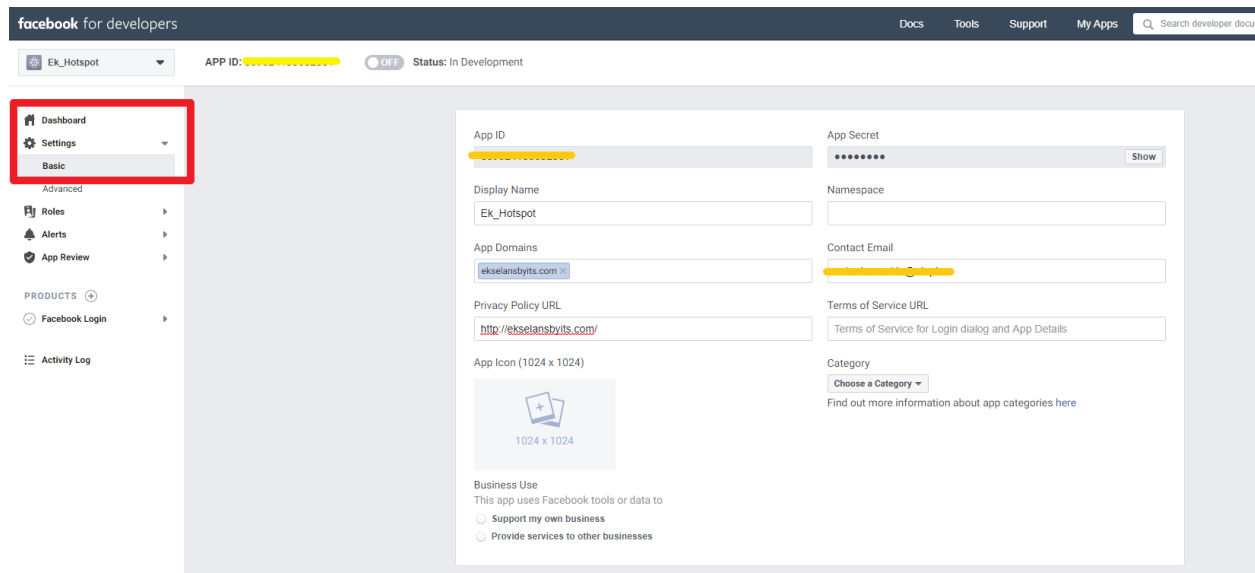
Default Language

English
 ▼

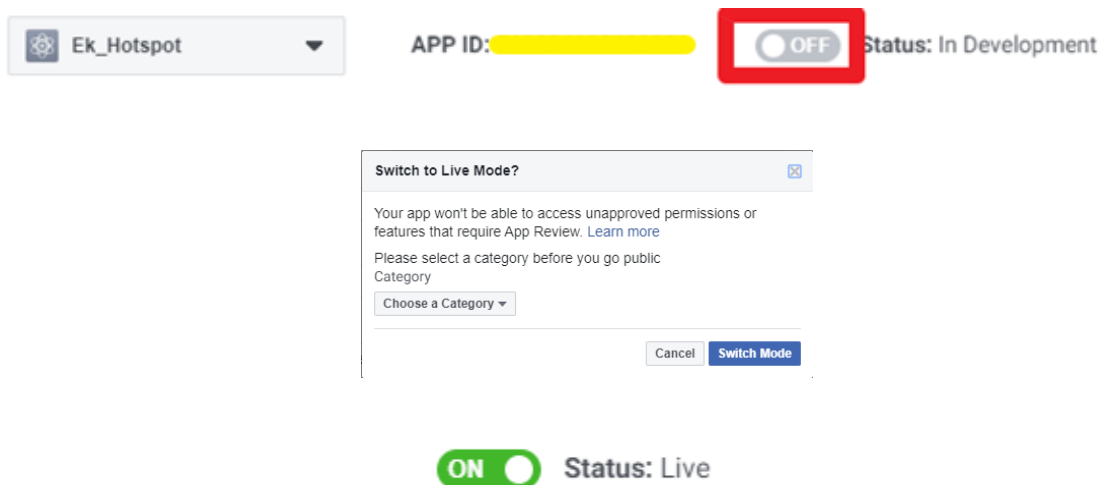
☒ Use Hotspot Url

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

Hotspot Name

Look and Feel

Main Color

☒ #1b3666

☒ Show Name

☒ Show Logo

☒ Show Background Image

Access Mode

☒ Access with User and Password

☒ Access with Ticket

☒ Access with Facebook

☒ Access with registration

Registration Configuration

Default Language

☒ Use Hotspot Uri

Hotspot Uri

9. Final result first photo.

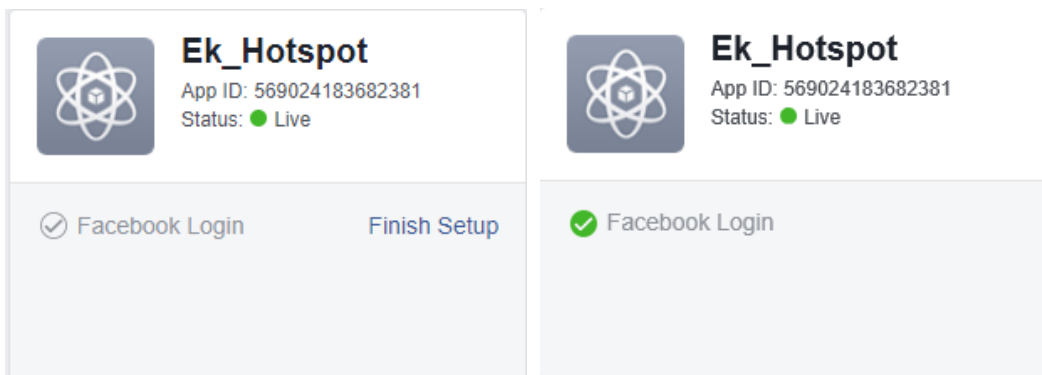


Foto 1

Foto 2

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