



EKSELANS BY ITS

USER MANUAL

CM HS / CM HS BASIC

280024 / 280025

HOTSPOT



V05

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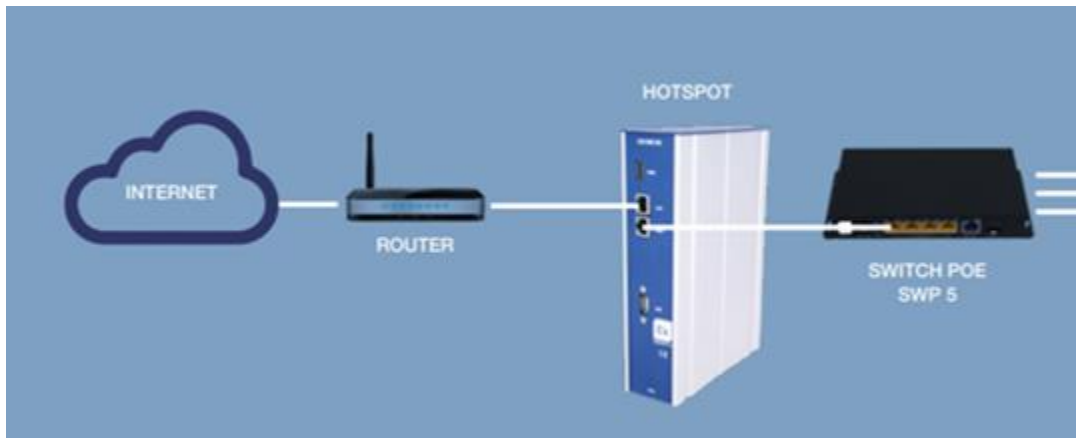
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CM HS – Hardware



- **WAN (ETH2 in BASIC):** WAN port, connect to the internet provider ROUTER.
- **LAN (ETH1 in BASIC):** LAN port, connect Hotspot to a SWITCH for distribution.
- **HDMI:** Service HDMI output.
- **Connector:** DC power supply.
- **USB:** Service output.

Installation diagram



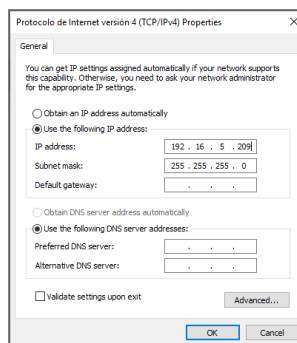
The WAN port of the Hotspot will be directly connected to the Router where an internet network can be obtained.

The Hotspot LAN port will be connected to a switch in order to distribute Hotspot functionality to the network.

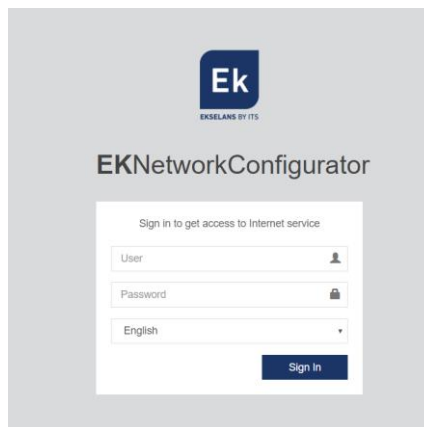
Connect to the hotspot

To connect to **the Hotspot**, follow the following steps:

1. Connect to **the Hotspot** a network cable to the WAN port.
2. Configure the PC's network adapter with a static IP. The **HS** will come with a sticker and his IP, for example **192.16.5.209**. We will configure an IP keeping the first digits intact in bold, for example: **192.16.5**. 200. In order to become easy the configuration EK have the application **Ek NET Adapter**, you will be able to configure the network adapter easily. You can download from <https://ek.plus/software/> you will find a new section "EK NET ADAPTER".



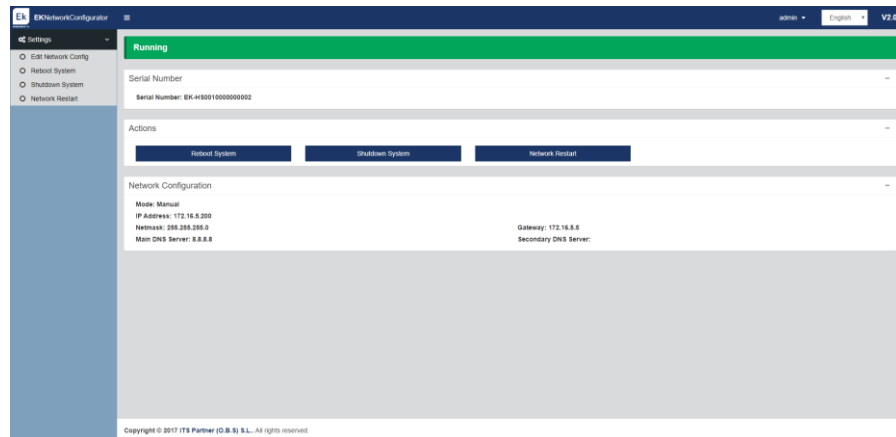
3. Open the browser on the assigned IP and add **:9090**. In our case for example the following URL: <http://192.16.5.209:9090>.



4. Default user and password **admin/password**.

Configure IP

Inside the **Hotspot**, the license needs to be activated. This process will register the **Hotspot** and also update it. For the process to work properly is necessary that the Hotspot 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

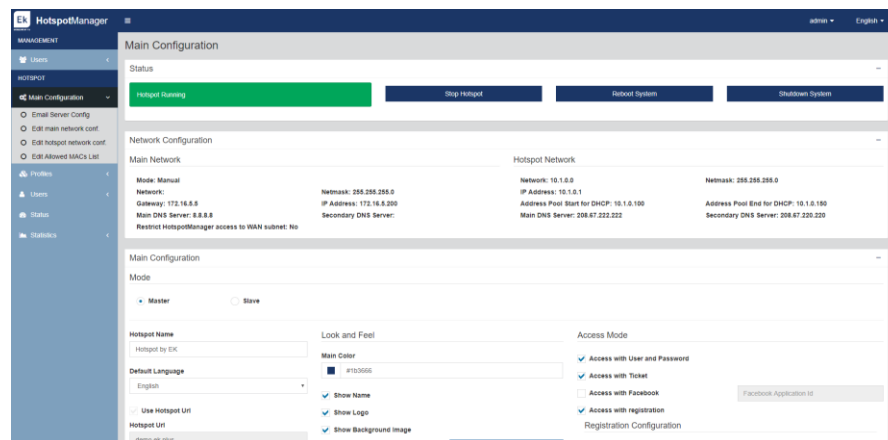
After setting up a static IP for our **Hotspot** within our network, click Save. You will need to restart the **Hotspot** and you will be able to access **Hotspot** from your Network.

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
Port

smtp.gmail.com
465

User
Password

HOTSPOT365488@gmail.com
.....

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

☐ Ftp
 ☐ Google Drive

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					

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	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 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.

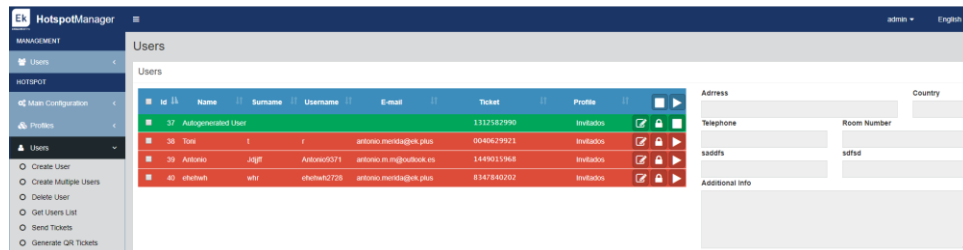
Immediate Act: The duration time starts once the user is

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

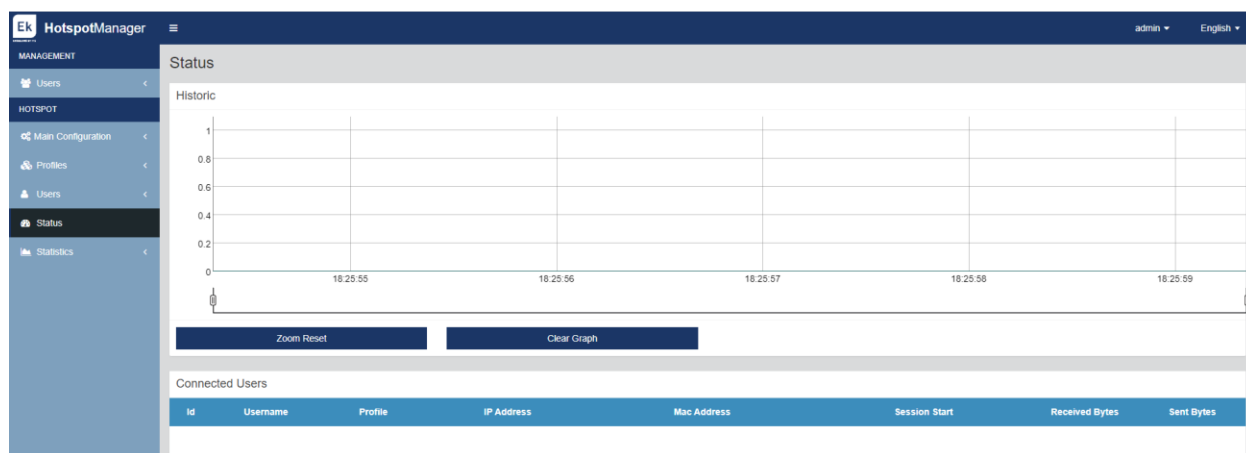
- ☒ All tickets in one file
- ☐ Each ticket in one file
- ☐ All tickets in one file for printing

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
i	Hotspot	10.1.0.103	F8-A2-06-8F-67-A9	2019-12-19 10:06:54	2019-12-19 11:40:30	14.5 MB	4.7 MB
Antonio2071	Hotspot	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

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

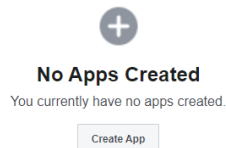
Free Disk Space: 98.78 GB

Ok

Connect Hotspot to Facebook

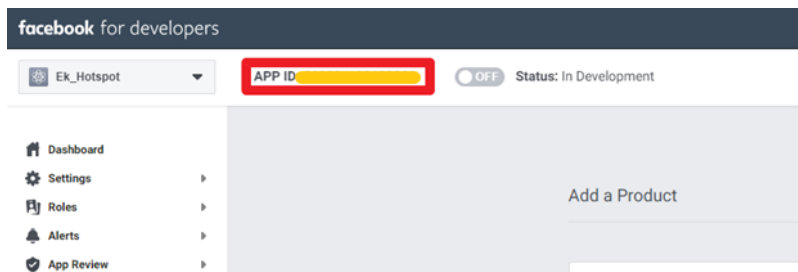
The Facebook Hotspot URL is the <https://developers.facebook.com/apps/>. This Url is necessary in order to connect the **Hotspot** to **Facebook** , then follow the steps below:

1. Add a new app on Facebook.

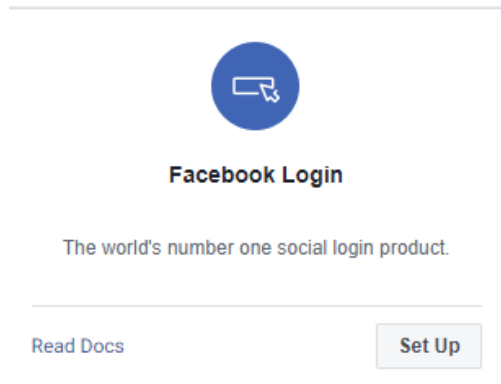


2. We create the id.

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

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

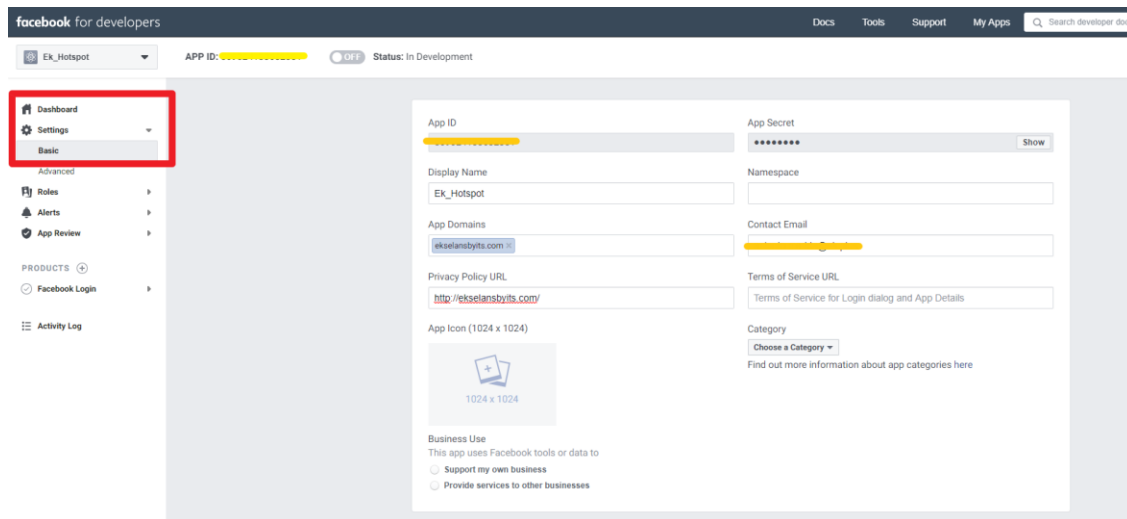
Default Language

English ▼

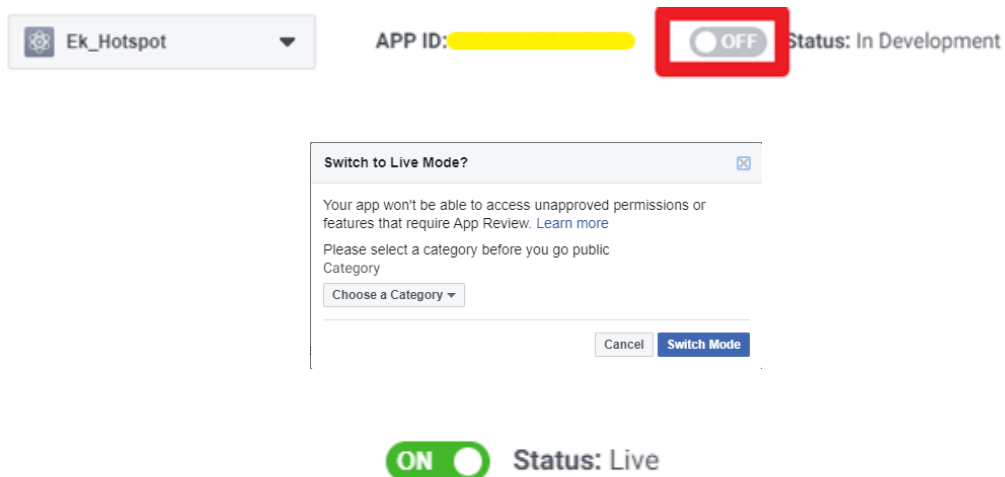
☒ Use Hotspot Url

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.

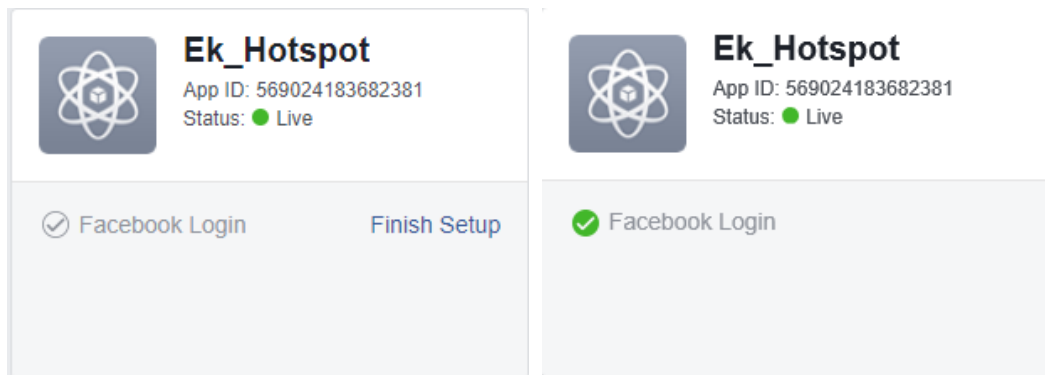


8. We put the Id in our Hotspot.

Mode
☒ Master ☐ Slave

Hotspot Name Hotspot by EK Default Language English ☒ Use Hotspot Uri Hotspot Uri	Look and Feel Main Color #113666 ☒ 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
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9. Final result first photo.



Picture 1

Picture 2

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