Create Firebase Project Credentials

 In order to use this extension, you need to have Firebase Project Credentials, which will be used in the Opencart extension configuration. Please visit <u>this</u> link and create a new project with your Gmail account.

Firebase	Welcome to Fireb Tools from Google for building app infra and growing your business Create a project = View	structure, improving app quality		Ger badees 🌲 👩
	Explore a demo project	€ Firebase projects are		
		Containers for your apps Apps in a project share features like Realtime Database and Analytics Q Learn more	■ 105-	
	Language English (United Kingdom)	×	Support + Terms + Privacy policy	

- 2. After opening the **Firebase** website, please click the **Create a project** button.
- 3. A small pop-up window will appear with the name of your project, here you have to enter your project name and press the button **Continue**.



4. Next you can select weather you want to enable **Google Analytics** to your project, when ready click the continue button. If you don't want to enable **Google Analytics** you can press the **Create product** button and go to step 6.

~	Create a project(Step 2 of 3)		
	Google Analytic for your Firebas		oject
	• •	ud Messaq	cs solution that enables targeting, reporting ging, In-App Messaging, Remote Config,
	Google Analytics enables:		
	👗 A/B testing 📎		🐍 Crash-free users 📎
	User segmentation and targeting	0	🔒 Event-based Cloud Functions triggers 📎
	across Firebase products		. I Free unlimited reporting ⊘
	Enable Google Analytics for th Recommended	is project	
	Previous		Continue

5. Select your Google Analytics account if you enabled it in step 4. And press the **Create project** button.



6. After pressing the **Create Project** button the project will be created.

Open Web Creations
Your new project is ready Continue

7. Your project is created! Now we are going to add Firebase to the (Web)App. Press the button </>, see the red arrow.



- 8. A small pop-up window will appear with the App nickname. Enter a **Nick name** for your shop and press the **Register app** button
 - imes Add Firebase to your web app

1	Register app
	App nickname 💮
	Open Web Creations Shop
	Also set up Firebase Hosting for this app. Learn more Albert Mosting can also be set up later. It's free to get started at any time.
	Register app
2	Add Firebase SDK

9. The next screen press the **Continue to the console button**, the settings on this screen will be explained later.

×	Ac	ld Firebase to your web app	
	2	Register app	
	2	Add Firebase SDK	
		● Use npm ⑦ ○ Use a <script> tag ⑦</th><th></th></tr><tr><th></th><th></th><th>If you're already using nom 2 and a module bundler such as webpack 2 or Rollup 2, you can run the following command to install the latest SDK:</th><th></th></tr><tr><th></th><th></th><th>S npm install firebase</th><th></th></tr><tr><th></th><th></th><th>Then, initialise Firebase and begin using the SDKs for the products that you'd like to use.</th><th></th></tr><tr><th></th><th></th><th><pre>// Import the functions you need from the SDKs you need import { initializeApp } from "firebase/app"; import { getAnalytics } from "firebase/analytics"; // TODO: Add SDKs for Firebase products that you want to use // https://firebase.google.com/docs/web/setup#available-libraries // Your web app's Firebase configuration // For Firebase JS SDK v7.20.0 and later, measurementId is optional const firebaseConfig = { apiKey: "</th><th></th></tr><tr><th></th><th></th><th><pre>// Initialize Firebase const app = initializeApp(firebaseConfig); const analytics = getAnalytics(app);</pre></th><th>6</th></tr><tr><th></th><th></th><th>Note: This option uses the modular JavaScript SDK [2], which provides reduced SDK size.</th><th></th></tr><tr><th></th><th></th><th>Learn more about Firebase for web: Get started 2, Web SDK API Reference 2, Samples 2</th><th></th></tr><tr><th></th><th></th><th>Continue to the console</th><th></th></tr></tbody></table></script>	

10. Next we need to create a **Realtime database**, go to **Realtime** Database and press the **Create Database** button:

👌 Firebase	Open Web Creations -		
🕈 Project Overview 🌣			
Build Authentication Firestore Database Build Storage Storage () Hosting (-) Functions (-) Auchine Learning	st st	Realtime Database tore and sync data in real time Create Database	

11. Fill in **Realtime Database location**:

Set up database	Security rules		
Your location setting is where your Re	ealtime Database data will be stored.		
Realtime Database location			
Belgium (europe-west1)			
		Cancel	Nex

12. Press Enable button:

1 Database options 2 Secu	wity rules
Once you have defined your data structure,	you will have to write rules to secure your data.
Start in locked mode Your data is private by default. Client read/write access will only be granted as specified by your security rules. Start in test mode Your data is open by default to enable quick serue. However, you must update	<pre>{ "rules": { ".read": false, ".write": false } }</pre>
quick setup, Howerk, You Thy Update your security rules within 30 days to enable long-term client read/write access.	All third party reads and writes will be denied Cancel Enable

OpenCart extension Firebase settings:

1. First go to the **Project settings**





2. Check the firebaseConfig in the following screen and find all needed settings:

Opencart extension setting	firebaseConfig setting
Google FCM API key	аріКеу
Google FCM Auth Domain	authDomain
Google FCM Storage Bucket	storageBucket
Google FCM Messaging Sender ID	messagingSenderId
Google FCM APP ID	appld
Google FCM Project ID	projectId
Google FCM Measurement ID	measurementId (if you enableb Google Analytics)

3. Go to tab Cloud Messaging and find the Server key for OpenCart setting Google FCM Server Key.

Open Web Creations 👻		
Project settings		
General Cloud Messaging Integration Service accounts Data privacy Users	and permissions App Check (BETA)	
	Project credentials	
		Add server key
	Key Token	
	Server key	
	Sender ID (2)	
	271670599887	
	Apple app configuration	
	Web configuration	
	Web Push certificates	Web Push certificates Firebase Cloud Messaging can use Application Identity key pairs to connect with external push service. Learn more C
		Key pair Date added
		Generate key pair You can also import an existing key pair

4. Go to **Realtime Database** and find the database link for OpenCart setting **Google FCM Database URL**. Check on it to make a copy without the slash Ctrl-C or right mouse.

een Web Creations - Cealtime Database		
ata Rules Backups Usage		
	Protect your Realtime Database resources from abuse, such as billing fraud or phishing Configure A	app Check X
		❻ ⊝ :
	op	
	Database location: Belgium (europe-west1)	