

Steps to Enable Push Notification on iOS

<https://docs.ionic.io/services/push/>

Steps to Enable Remote Push Notification on iOS:

Step 1: Install Prerequisites.

```
The Cloud Client allows you to interact with our services from your app.
```

```
npm install @ionic/cloud --save
```

```
Once installed, you'll need to copy the bundled JavaScript file into your app's www/lib directory
```

```
cp node_modules/@ionic/cloud/dist/bundle/ionic.cloud.min.js www/lib
```

Ionic expect Promise to be defined globally (defined for both iOS and Android(4.4.4+))

```
iOS Remote push won't work without Promise.
```

```
npm install bluebird --save
```

```
cp node_modules/bluebird/js/browser/bluebird.min.js www/lib
```

```
As a Tradition, we need to include respective js files in index.html
```

Step 1.1: Remove push plugin reference from config.xml.

code looks like below:

```
<plugin name = 'phonegap-plugin-push' spec = "xxx">
<variable name = "SENDER_ID" value = "sender_id">
</plugin>
```

Step 1.2: Navigate to package.json.

under „cordovaPlugins“ array add push notification plugin as stated below:

```
...
{
  „varibale“ :{
    „SENDER_ID“: ‚your_sender_id‘
  },
  „locator“: „phonegap-plugin-push“
}
....
```

Step 2: set push in production mode

```
Ionic push --production-mode=y
```

Step 3: Generate iOS APN, App development and Provisioning profile Certificates for both development and production mode.

Step 4: Add all Certificates in ionic site under settings->Certificate (Check ionic site for detail description).

Step 5: Open Project in Xcode, enable following things

Steps to Enable Push Notification on iOS

```
capabilities -> pushNotifications  
Capabilities -> Background Mode -> Remote Notifications
```

Step 6: on Backend

Add badge, sound and content-available explicitly.

```
//sudo code
```

```
Navigate to **.java
```

```
buildNotificationBody(...) {
```

```
...
```

```
"ios":{ "badge":1,
```

```
"sound":"default",
```

```
"content-available":1 // enables to send remote notifications
```

```
}
```

```
...
```

```
}//end of method
```