

# Handling SMS Notifications in Cordova

fork and edit tutorial (<https://github.ibm.com/MFPSamples/DevCenter/tree/master/tutorials/en/foundation/8.0/notifications/handling-sms-notifications-in-cordova/index.md>) | report issue (<https://github.ibm.com/MFPSamples/DevCenter/issues/new>)

## Overview

SMS notifications are a sub-set of Push Notification, as such make sure to first go through the Push notifications in Cordova (../) tutorials.

Jump to:

- Notifications API
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## Notifications API

In SMS notifications, when registering the device, a phone number value is passed.

### Register Device

Register the device to the push notifications service.

```
MFPPush.registerNotificationsCallback(notificationReceived);

function registerDevice() {
  var phoneNumber = prompt("Enter Your 10 digit phone number");
  if(phoneNumber != null && phoneNumber!=" " && /^[0-9]{10}$/.test(phoneNumber)) {
    var options = {};
    options.phoneNumber = phoneNumber;
    MFPPush.registerDevice(options,
      function(successResponse) {
        alert("Successfully registered");
        enableButtons();
      }, function(failureResponse) {
        alert("Failed to register");
      });
    return true;
  }

  else {
    alert("Failed to register, You have entered invalid number");
  }
}
```

## Using a SMS subscribe servlet

REST APIs are used to send notifications to the registered devices. All forms of notifications can be sent: tag & broadcast notifications, and authenticated notifications

To send a notification, a request is made using POST to the REST endpoint: `imfpush/v1/apps/<application-identifier>/messages`.  
Example URL:

```
https://myserver.com:443/imfpush/v1/apps/com.sample.sms/messages
```

To review all Push Notifications REST APIs, see the REST API runtime services ([https://www.ibm.com/support/knowledgecenter/SSHS8R\\_8.0.0/com.ibm.worklight.apiref.doc/rest\\_runtime/c\\_restapi\\_runtime.html](https://www.ibm.com/support/knowledgecenter/SSHS8R_8.0.0/com.ibm.worklight.apiref.doc/rest_runtime/c_restapi_runtime.html)) topic in the user documentation.

To send a notification, see the sending notifications (../sending-push-notifications) tutorial.

## Sample application

Click to download (<https://github.com/MobileFirst-Platform-Developer-Center/SMSNotificationsSwift/tree/release80>) the Cordova project.

**Note:** The latest version of Google Play Services is required to be installed on any Android device for the sample to run.

## Sample usage

1. From a **Command-line**, navigate to the project's root folder.
2. Add a platform using the `cordova platform add` command.
3. Register the application by running the command: `mfpdev app register`.
4. In the MobileFirst Operations Console
  - Setup the MobileFirst Server with either GCM key and senderId, APNS certificate or WNS credentials, and define tags.
  - Under **Applications** → **SMSNotificationsCordova** → **Security** → **Map scope elements to security checks**, add a mapping for `push.mobileclient`.
5. Run the application by running the `cordova run` command.

### Sending a notification (../sending-push-notifications):

- Tag notification
  - Use the **MobileFirst Operations Console** → **[your application]** → **Push** → **Send Push** tab.

