Handling SMS Notifications in Cordova

Overview

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

Prerequisites:

- Make sure you have read the following tutorials:
    - Notifications Overview (../../)
    - Setting up your MobileFirst development environment (../../../installation-configuration/#installing-a-development-environment)
    - Adding the MobileFirst Foundation SDK to iOS applications (../../../application-development/sdk/cordova)
- MobileFirst Server to run locally, or a remotely running MobileFirst Server.
- MobileFirst CLI installed on the developer workstation

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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!="" && /^\d+$/.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");
    }
}
```

> You can also register a device using the Push Device Registration (POST) REST API
> (http://www.ibm.com/support/knowledgecenter/en/SSHS8R_8.0.0/com.ibm.worklight.apiref.doc/rest_runtime/r_restapi_push_device_registration_post.html)

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) topic in the user
> documentation.

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

Follow the sample's README.md file for instructions.

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