# Handling Push Notifications in Windows 8

In this tutorial, you will be learning how to handle push notification for Windows 8 applications.

Tag notifications are notification messages that are targeted to all the devices that are subscribed to a particular tag. Tags represent topics of interest to the user and provide the ability to receive notifications according to the chosen interest.

Broadcast notifications are a form of tag push notifications that are targeted to all subscribed devices. Broadcast notifications are enabled by default for any push-enabled MobileFirst application by a subscription to a reserved Push.all tag (auto-created for every device). This ability can be disabled by by unsubscribing from the reserved Push.all tag.

### **Agenda**

- Notifications configuration
- Notifications API
- Handling a push notification
- Handling a secure push notification

### **Notifications Configuration**

#### **Notifications API**

API methods for tag notifications

#### **Client-side API**

- WLPush.subscribeTag(tagName,options) Subscribes the device to the specified tag name.
- WLPush.unsubscribeTag(tagName,options) Unsubscribes the device from the specified tag name.
- WLPush.isTagSubscribed(tagName) Returns whether the device is subscribed to a specified tag name.

API methods for tag and broadcast notifications

#### **Client-side API**

- WLNotificationListener Defines the callback method to be notified when the notification arrives. client.getPush().setWLNotificationListener(listener)
- The onMessage(props,payload) method of WLNotificationListener is called when a push notification is received by the device. ··\* props A JSON block that contains the notification properties of the platform. ··\* payload A JSON block that contains other data that is sent from MobileFirst Server. It also contains the tag name for tag-based and broadcast notification. The tag name appears in the "tag" element. For broadcast notification, the default tag name is Push.ALL.

# Handling a push notification

# Handling a secure push notification