Integration Steps for Cordova Application with Netcore SDK

Before performing Application changes, Follow these two steps:-

Step 1: Get GCM sender Id and Api Key from Google Developer console

Step 2: Get App Id and Smartech SDK from Smartech Panel

Now Follow Below steps to integrating Native application with Netcore SDK for push notification

1. Copy permission, uses permission, receiver in AndroidManifest.xml

Below code paste above or below application tag:

```xml
<uses-permission android:name="${applicationId}.permission.C2D_MESSAGE" />
<uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />
<uses-permission android:name="android.permission.INTERNET" />-->
<uses-permission android:name="android.permission.WAKE_LOCK" />
<uses-permission android:name="android.permission.SYSTEM_ALERT_WINDOW" />
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />
<uses-permission android:name="android.permission.SEND_SMS"/>
<uses-permission android:name="android.permission.RECEIVE_SMS"/>
<uses-permission android:name="com.google.android.c2dm.permission.RECEIVE" />

<permission android:name="<package name>.permission.C2D_MESSAGE"
android:protectionLevel="signature" />
```

Below code paste in application tag:

```xml
<meta-data
  android:name="com.netcore.sdk.ApplicationId"
  android:value="<AppId>"/>
<!-- GCM TO BE ADDED By CUSTOMER IN MANIFEST -->
<receiver
  android:name="com.google.android.gms.gcm.GcmReceiver"
  android:exported="true"
  android:permission="com.google.android.c2dm.permission.SEND">
  <intent-filter>
    <action android:name="com.google.android.c2dm.intent.RECEIVE"/>
    <action android:name="com.google.android.c2dm.intent.REGISTRATION"/>
  </intent-filter>
</receiver>
<!-- GCM -->
```

2. Add Netcore SDK (i.e. aar file) in libs folder

3. Add below code in MainActivity.java for registration of application through GCM and generate Token for push notification

Add import files in Launcher page

```java
import com.netcore.lib.NetcorePrefs;
import com.netcore.lib.NetcorePush;
import com.netcore.lib.NetcoreSDK;
```

Define config variable as

```
NetcoreSDK.Config config;
public long sessionId;
```

Then paste below code in onCreate method:

```
sessionId = System.currentTimeMillis();

config = new NetcoreSDK.Config()
    .setSenderId( "<sender Id>" );

config.setActivityClass( MainActivity.class ).
    setSmallIcon( R.drawable.ic_launcher );
config.setNetcorePush( new NetcorePush() {
  @Override
  public void onDataReceived( String json ) {
    NetcoreSDK.registerAppEvent( MainActivity.this, NetcorePrefs.PUSH_DELIVERED,
System.currentTimeMillis(), sessionId, identity, "", config );
  }
} );
//Registers your app on Netcore Server
try {
  NetcoreSDK.register( this, config, System.currentTimeMillis(), sessionId, identity
,NetcorePrefs.SIGNUP_REGISTER );
}
catch ( NetcoreSDK.MissingPermissionException e ) {
  e.printStackTrace();
}
```

Note: identity as "" or logged in username

4. Follow below instruction for modification of build.gradle:

Add in repositories below code:

flatDir { dirs 'libs' }

Add in dependencies below code:

compile(name:'SmartechSDK', ext:'aar')

Add in dependencies for Google play services of GMS:

compile "com.google.android.gms:play-services:7.5.+"

5. Go to **tools->android** and click on **sync project with gradle files**

6. Run the application