

# Integration Steps for Native Android Application with Netcore SDK for FCM

(<https://github.com/NetcoreSolutions/Smartech-Android-FCM-SDK>)

Before performing Application changes, prerequisites are as follow:-

**Need 1:** Get GCM sender Id and Server Key from Firebase Developer console

**Need 2:** Get App Id and Smartech FCM SDK from Smartech Panel

## For Integrate SDK as well as Push notification:

**step 1: Add Netcore SDK (i.e. SmartechFCMSDK.aar file) in libs folder**

**Step 2: Follow below Instructions to modify app build.gradle**

1. Add in parent repositories (not in child repositories. If not present then create new repositories) below code:

```
flatDir { dirs 'libs' }
```

2. Add in parent dependencies (not in child dependencies. If not present then create new dependencies) below code:

```
compile(name:'NetcoreFCMSDK', ext:'aar')  
compile 'com.google.firebase:firebase-messaging:9.6.0'
```

**Step 3: Paste below code in launcher Activity in method onCreate** (above the super.onCreate.line)

```
NetcoreSDK.register(getApplication(), "<applicationId>", identity);
```

**Note:** Identity should be "" or Primary key which defined on smartech Panel

**For Login Activity** add below code for login activity to make user Identified:

```
NetcoreSDK.login( context, identity, 22 );
```

**For Logout Activity** add below code for logout activity:

```
NetcoreSDK.logout( context, identity, 23 );
```

**For Activity tracking** add below code for every activity:

```
NetcoreSDK.track( context, identity, eventId, payload);
```

**Note:** Activity tracking code should be generated from Smartech panel

## For Profile Update, Follow Below code

```
JSONObject newProfile = new JSONObject();
try {
    newProfile.put( "NAME", "Developer" );
    newProfile.put( "AGE", 25 );
    newProfile.put( "MOBILE", "1234567890" );
    NetcoreSDK.profile(this, newProfile, identity);
}
catch ( JSONException e ) {
    e.printStackTrace();
}
```

**Note:** attribute name must be in Capital.