

## Kony MobileFabric 7.0

The Kony MobileFabric course is intended for developers and integrators working with Kony MobileFabric and Kony Visualizer. This course consists of 6 self-paced modules, some with exercises.

### Prerequisites

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- Familiarity with today's mobile devices, web technologies, and web development
- Current software development skills (e.g. recent Java or C# programming) **including a working knowledge of JavaScript.**
- Access to a Kony MobileFabric Instance as well as the Kony developer tools if used with MobileFabric

### Module 1

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#### Introduction to MobileFabric Module

This module is an introduction to Kony MobileFabric and provide an overview of the separate components that make up the Kony MobileFabric suite of products.

#### Objectives

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After completing this module, participants will be able to:

- Identify the components of Kony MobileFabric
- Create a MobileFabric App
- Publish to the cloud
- Invite users to your MobileFabric cloud
- For all topics, discuss best practices

### Details

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#### MobileFabric Introduction

- Complete overview of Kony history, mission, and products
- Cloud and On-premise
- MobileFabric Console



#### MobileFabric Overview

- Overview – Identity Services
- Overview – Integration Services
- Overview – Orchestration Services
- Overview – Synchronization Services
- Overview – Messaging Services
- Overview – Object Services
- Overview – Reporting and Metrics

## **MobileFabric Apps**

- Overview – MobileFabric App
- App Services
- API Management
- Creating an App
- Publishing the App
- App Initialization Code
- What is an App?



## Module 2

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### Identity Services

#### Objectives

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After completing this module, participants will be able to:

- Identify the different Identity Services available with Kony MobileFabric
- For all topics, discuss best practices

#### Details

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##### Identity Services Overview

- App Identity Services
- Kony User Repository
- Kony User Repository Uses
- Editing the Kony User Repository
- Creating A New User



##### MobileFabric SDK

- SDK Download
- SDK Documentation
- Using the SDK – Initialization
- App Initialization Code
- Calling our Identity Service



##### Identity Service Types

- Microsoft Active Directory
- SAML
- Facebook
- OAuth2.0
- Salesforce
- Kony SAP
- Custom Identity Services



## Module 3

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# Integration & Orchestration Services

## Objectives

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After completing this module, participants will be able to:

- Understand the different ways to connect to backend services
- Configure input/output parameters to different backend providers
- Publish services to MobileFabric
- Identify components of Kony MobileFabric
- Integrate services into a Kony mobile application
- Create composite and looping services
- For all topics, discuss best practices

## Details

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### Integration & Orchestration Overview

- Integration Services Overview
- Integration, Identity & Orchestration Services



### XML Web Services

- Request Input
- Configuring Output Parameters
- XPath Considerations
- Advanced Operation Configuration
- Calling an Integration Service Operation
- Integration Services Runtime Console



### SOAP and JSON and Other Web Services

- SOAP Integration Services
- SOAP Operation Configuration
- JSON Integration Services
- Database Integration Services
- Java Integration Service
- Java Integration Service Operation



### Business Adapters

- Salesforce Integration Service
- SAP Integration
- MuleSoft



### Orchestration Services Overview

- Composite Services
- Invoking Orchestration Services
- Sequential Composite Services and Looping Services

## Module 4

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# Kony Sync Services

## Objectives

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After completing this module, participants will be able to:

- Identify the Data Synchronization options available with Kony MobileFabric
- Configure Kony Sync components
- Create and configure the Sync Scope
- Configure the mobile application for Kony Sync
- Check the device datastore
- Understand the Sync Console
- For all topics, discuss best practices

## Details

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### **Kony Sync Overview**

- Data Synchronization
- Conflicts and Resolution
- Kony Sync - Features
- Kony Sync Strategies
- Persistent vs OTA Sync



### **Configuring MobileFabric for Kony Sync**

- Getting access to backend data
- Create a MobileFabric Application
- Configuring Identity Service
- Creating Integration Services
- Configure Synchronization



### **Sync Scope**

- Configure Our Sync Scope
- Sync Objects
- Sync Client Code – Kony Version
- Calling our Identity Service
- Sync Events
- Kony SDK Sync config Parameter



### **Checking Device Database Data**

- Android SQLite Database
- iPhone SQLite Database
- SQLite Add-on for Firefox
- Filters
- Managing Data on Device
- Removing Local Data

## Sync console

- Sync console – Analytics Dashboard
- Sync console – Configurations
- Sync console – Devices
- Sync console – Monitoring
- Sync console – Scheduled Jobs
- Sync console – Logs
- Sync console – Health Check



## Module 5

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# Messaging Services

## Objectives

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After completing this module, participants will be able to:

- Identify the components of Kony MobileFabric Messaging Service
- Learn how to set up push messaging in MobileFabric
- Learn how to handle the messages on the device
- Understand how to push the messages to the users
- For all topics, discuss best practices

## Details

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### **Messaging Services Overview**

- Why Kony MobileFabric Messaging Service?
- Registration & Subscription
- Campaigns
- Segments
- Geofencing

### **Sending Messages**

- Messaging and Applications
- Configuring Android Messaging
- Setting up Android Push
- Android GCM Authorization Key
- Using the GCM Authorization Key

### **MobileFabric Messaging Console**

- Registration & Subscription – API
- Subscribing to Kony MobileFabric Messaging

### **MobileFabric Messaging API Access**

- API Access Tab
- Other Messages Types
- Email Message – Configuration
- Sending Email Messages
- MobileFabric Messaging – SMS
- MobileFabric Messaging – Passbook
- Messaging – Further Exploration



## Module 6

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### Object Services

#### Objectives

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After completing this module, participants will be able to:

- Understand Object Services Architecture
- Components and Features of Object Services
- Building App Data model
- Invoking Object Services
- For all topics, discuss best practices

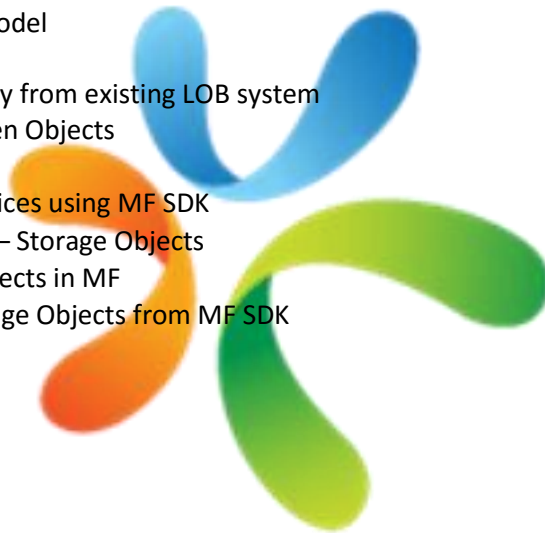
#### Details

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##### Object Services

- Building App Data model
  - Manually
  - Automatically from existing LOB system
  - Service Driven Objects
  - Mapper
- Invoking Object Services using MF SDK
- Storage as a Service – Storage Objects
- Defining Storage Objects in MF
- Consuming the Storage Objects from MF SDK





## Module 7

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# Reporting & Metrics

## Objectives

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After completing this module, participants will be able to:

- Identify the available reports
- Configure and run the reports
- For all topics, discuss best practices

## Details

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### Reporting and Metrics Overview

- Standard Reports
- Application Usage Detail Report
- Active Users Report
- Active Users Data
- World Map of User Activity Report
- Requests per Service Report
- Event Activity Report
- Standard Reports Notes

### Reporting API

- Reporting Object Initialization
- Generating Reporting Data

### Custom Reports

- Custom Report Example
- Using a Measure
- Filtering Data
- Saving Custom Reports
- Crosstab view
- Table view
- Complex Filtering

### Custom Metrics

- Defining Custom Metrics
- Custom Metrics API
- Reporting/Metrics Considerations
- Using Filters Not in Report

