

## IBM Safer Payments Hands-On SysOps Training (V6.3)

Course#: 6A322G

Duration: 24 Hours

Price: 2800.00

### Course Description

IBM Safer Payments is an innovative real-time payment fraud prevention and detection solution for all cashless payment types. In this course, System Administrator that will be involved in any aspect of deploying, customizing, and implementing the Safer Payment solution will get a hands-on overview of the product. Students will get an understanding of how to install, configure, and setup the system as well as an overview about Cluster Management and Monitoring Safer Payments. This course focuses on topics for System Admins who manage Safer Payments.

### Objectives

- Introduction to Safer Payments Architecture
- Install Safer Payments and create service scripts
- Introduction to system configuration
- Examine mandator concept
- Introduction to user accounts and user roles
- Examine data import
- Introduction to modelling concept
- Create a model for processing authorization transactions
- Simulate and test rules
- Invoke python callouts
- Export and import PMML models, and enable sampling techniques
- Introduction to Safer Payments rulegenerator
- Introduction to compliance list
- Introduction to reports in Safer Payments
- Introduction to Safer Payments case management

## **Audience**

IBM Safer Payments users (System Administrators), IBM Lab experts, and IBM Business Partners.

## **Prerequisites**

Must be familiar with Unix command line navigation and configuration actions

Some familiarity with payment processing systems

Familiarity with the concepts of clustering and network/firewall topics

Familiarity and comfort with troubleshooting and problem determination processes

## **Content**

Introduction to Safer Payments Architecture

Examine cluster concept

Safer Payments Interfaces

Failover concept  
Install Safer Payments and create service scripts

Install and set up a cluster of 3 Safer Payments instances

Log in to Safer Payments user interface

Start instances interactively

Create service scripts to start Safer Payments instances

Introduction to system configuration

Examine Safer Payments various system configuration settings

Set or modify settings

Examine mandator concept

Examine message computation flow

Update existing mandator settings

Add new sub mandators into the hierarchy

Introduction to user accounts and user roles

Define new roles

Examine user account settings

Create new user accounts and assign a role

Examine data import

Create Messages, Mappings, and Job scheduler to prepare import of data

Configure and import masterdata as well as transaction data  
Send messages via online real-time interface

Introduction to modelling concept

Understand challenger and champion concept  
Examine model components  
Understand modelling workflow  
Review indexes and sequences

Create a model for processing authorization transactions

Create some fraud prevention rules manually  
Step through the various elements to create and promote new rules  
Examine profiling techniques  
Create Rules using profiling attributes  
Run investigation queries

Simulate and test rules

Configure data set for simulation  
Configure Analyses  
Run a simulation  
Examine Rule statistics

Invoke python callouts

Load Python scripts

Invoke python function in preprocessing rules

Use python function in rules

Test function in simulation environment

Export and import PMML models, and enable sampling techniques

Export data of Safer Payments

Import PMML files to ingest externally created models within Safer Payments

Start simulation for a PMML model analysis

Examine analyses results

Activate and use sampling techniques

Introduction to Safer Payments rulegenerator

Examine semi-automatic rule generation with Safer Payments

Understand how rule generator is slicing data to find rules

Introduction to compliance list

Examine difference between real-time and adhoc checks

Create a blacklist and add entries

Test the created blacklist

Introduction to reports in Safer Payments

Examine Transaction and Investigation Reports

Create various ReportsIntroduction to Safer Payments case management

Examine Case Investigation workflows and working queues

Create case close codes and case states

Define a case workflow

Create a case and push it to the next case state in the workflow