



z/OS Introduction and Workshop

Course Introduction

Unit Objectives

After completing this unit, you should be able to:

- List the course objectives
- List the course agenda

Course Objectives

After completing this course, you should be able to:

Describe **IBM Z System Family** of Processors and **5 Unique Operating Systems**

Access z/OS with **TN3270**, FTP and SSH

Navigate **TSO**, **ISPF**, and **SDSF** using 3270 emulator

Recognize and use **JCL**, Job Control Language

Recognize different z/OS **Data Set Types**

Describe Data Set Names, **System Catalogs**, **VTOC**, and **Extents**

Describe z/OS **Unix System Services**

Describe **JES**, **RACF**, **SAF**, **DFSMS**, Communications Server, and **SMP/E**

Describe **CICS**, **DB2**, WebSphere Application Server, WebSphere MQSeries, and **IMS**

Describe IBM Developer for z System z (**IDz**)

Describe Parallel Sysplex and Geographically Dispersed Parallel Sysplex (**GDPS**)

Describe **Spark Analytics**, **z/OS Connect**, and **z/OSMF**

Agenda - Day 1 of 5

Unit 1: Course Introduction

Unit 2: Overview of IBM Z System Environment

Unit 3: Documentation

Unit 4: z/OS Access

Unit 5: TSO, ISPF, and SDSF

Unit 6: Components, Messages, and Systems Log

Unit 7: JCL and System Utilities

Agenda Day 2 of 5

Lab Review and Questions

Unit 1: Data Sets, DFSMS, System Catalog, VTOC, and Data Set Extents

Unit 2: JES, Job Entry Subsystem

Unit 3: Unix System Services

Unit 4: z/OS Overview and Operations

Unit 5: z/OS Commands

Unit 6: z/OS Configuration and Customization

Agenda Day 3 of 5

Lab Review and Questions

Unit 1: Security Server, RACF, and SAF

Unit 2: Communications Server, TCPIP, and SNA

Unit 3: WebSphere Application Server and Liberty Profile

Unit 4: WebSphere MQSeries

Unit 5: CICS Transaction Server

Unit 6: DB2 Relational Database

Unit 7: IMS

Agenda Day 4 of 5

Lab Review and Questions

Unit 1: Parallel Sysplex and Geographically Dispersed Parallel Sysplex (GDPS)

Unit 2: SMP/E

Unit 3: IBM Developer for z System z (IDz)

Agenda Day 5 of 5

Lab Review and Questions

Unit 1: z/VM Hypervisor, Linux Guest Images, LinuxONE

Unit 2: Spark Analytics, z/OS Connect, z/OSMF

Unit 3: General Q&A

Unit summary

Having completed this unit, you should be able to:

- ✓ List the course objectives
- ✓ List the course agenda