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