BMC Mainframe: TSO/ISPF Users' Workshop

COURSE ABSTRACT

COURSE CODE

» MGRS-TIUW-2021

APPLICABLE VERSIONS

» Not Applicable

DELIVERY METHOD 🌐

» Instructor-led Training (ILT)

COURSE DURATION 🌐

» 2 Days

PREREQUISITES

» Attendees should be familiar with the mainframe computing environment and the concept of executing programs in such an environment.

RECOMMENDED TRAININGS

» NA

Course Overview

The course is developed and delivered by © RSM Technology.

Essential knowledge for anyone working in a z/OS computing environment. This hands-on course introduces the concepts and facilities of TSO and IBM's Interactive System Productivity Facility (ISPF). The course focuses particularly on TSO/ISPF's functions for data editing and dataset management.

Almost all users of IBM's z/OS systems use TSO/ISPF to carry out their daily duties. Even today, a surprising number of TSO users have not had any formal training in using it, having 'picked it up' from other users, who probably learned how to use the product themselves many years ago. As a result, it is highly likely that most users deploy features and use techniques that are not only just out of date but in many cases extremely inefficient.

All TSO users (new and established) will gain significantly from attending this course. It combines formal classroom teaching with a progressive series of challenging hands-on practical sessions.

Target Audience

» Programmers
» Systems Programmers
» Operations Support personnel

Learner Objectives

» Use basic TSO commands
» Use ISPF
» Browse and edit datasets
» Customize ISPF edit profiles
» Use advanced edit functions
» Submit and manage batch jobs
» Use the ISPF utilities such as allocate and copy
» Use search facilities

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COURSE ACTIVITIES
» Classroom Presentations
» Demonstration

BMC MAINFRAME INFRASTRUCTURE AND PLATFORMS LEARNING PATH
» https://www.bmc.com/education/courses/find-courses.html#filter/%7B%22type%22%3A%22edu-specific-types-159150236%22%7D

CERTIFICATION PATHS 🌐
» This course is not part of a BMC Certification Path

DISCOUNT OPTIONS 🌐
» Have multiple students? Contact us to discuss hosting a private class for your organization
» **Contact us for additional information** 🌐

Course Modules

Introduction to TSO
» What is TSO
» Main uses of TSO
» Using TSO
» When the TSO screen fills
» Logging on to TSO
» Logging off

Basic TSO Commands
» SEND, LISTBC, LISTALC, HELP and PROFILE commands
» Command prompting
» Aborting a TSO command

Introduction to ISPF
» What is ISPF
» The ISPF panels
» The pull-down menus
» The Primary Option Menu
» Changing ISPF settings, function settings and log/list defaults
» Identifying error messages, entering TSO commands from ISPF, exiting from ISPF

Basic ISPF Utilities
» Utility selection menu
» Library utility

» Dataset utility
» Move/copy utility
» Hardcopy utility
» Outlist utility

ISPF Dataset List Utility
» Dataset list
» Wildcard characters
» Dataset list and member list line commands
» Using a TSO command
» SHOWCMD command
» VTOC list and information
» Freeing unused space
» Repeating commands

Browsing Datasets in ISPF
» Dataset naming rules and conventions
» DASD dataset organisation
» Partitioned Data Sets
» Partitioned Data Set Extended
» Specifying dataset names, PDS member list panel and shortcuts
» Browsing the data
» Scrolling
» FIND command

» Finding picture strings
» The LOCATE command
» Splitting the screen

Basic Edit via ISPF
» The editing process
» The edit entry panel
» Member or dataset edit panel
» Scrolling during edit
» Edit line commands
» Manipulating lines
» Ending an edit session

The ISPF Edit Profile
» Function of the Edit profile
» Displaying the Edit profile
» Profile options
» Creating new members
» The insert and delete keys
» CHANGE command
» UNDO command
» When you get locked up

Advanced Edit with ISPF
» Excluding and re-displaying lines
» RESET command

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- » Switching between upper and lower case
- » Column boundaries
- » Text entry facilities
- » Tab settings
- » Manipulating data

- » Submitting a batch job
- » Nested edit sessions
- » Saving data
- » Cancelling an edit session

SuperC and Search-For
- » SuperC utility
- » SuperCE utility
- » Search-For utility
- » Search-ForE utility

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