

IBM Tivoli Workload Scheduler 9.2 Operations and Scheduling Information

Length:	3.0 Days
Ref:	TX305G
Delivery method:	Classroom Instructor Led Online
Price:	EUR

Overview

This course introduces IBM Tivoli Workload Scheduler 9.2 features, environment, and terminology. You learn about the features for distributed environments and how to use both the Dynamic Workload Console and command-line interfaces. You also learn how to monitor production workflow, and to plan, implement, and manage Workload Scheduler objects to create a production day plan. You manage changes to objects, the plan, jobs, events, and job streams. You also learn how to optimize production workflow, troubleshoot plan problems, and manage dynamic and event-driven workloads. Hands-on labs reinforce concepts through production scenarios.

NOTE: This course is suitable for IBM Workload Scheduler versions 9.1 and 9.2 users.

Public

This basic course is for Tivoli Workload Scheduler operators and schedulers who perform duties related to batch workload automation. Although designed for new users, the course is also beneficial for individuals who are migrating from previous versions to 9.1 or 9.2, as well as those who need a refresher and introduction to the Dynamic Workload Console.

Prerequisites

You should have experience performing basic shell commands in a terminal emulator such as PuTTY or xterm.

Objective

- Describe Tivoli Workload Scheduler concepts and terminology
- Describe Tivoli Workload Scheduler production process
- Use the Dynamic Workload Console to monitor and manage Tivoli Workload Scheduler production workflow
- Submit predefined job streams and jobs into the current plan
- Solve common problems that arise in the production day plan

- List the steps for planning a job stream
- Configure Tivoli Workload Scheduler objects such as jobs, job streams, resources, prompts, and calendars
- Use the Graphical View to configure, monitor, and troubleshoot workloads
- Describe the effects that start-of-day and time zones have on Tivoli Workload Scheduler job streams
- Create event-based workload processing
- Use dynamic scheduling concepts and terminology
- Configure and launch a job on a pool of workstations
- Produce reports using the Tivoli Workload Scheduler command line and the Tivoli Dynamic Workload Console

Topics

Introducing Workload Scheduler 9.2 Operations and Scheduling

- Workload Automation concepts
- Workload Scheduler terminology
- Workload Scheduler architecture
- Workload Scheduler production process

Getting started with the Dynamic Workload Console

- Opening the Dynamic Workload Console
- Navigating the console
- Connecting the console to Workload Scheduler

Monitoring system status and health

- Getting context-sensitive help
- Viewing the dashboard
- Creating and customizing monitoring tasks
- Using monitoring tasks
- Monitoring your scheduling environment
- Managing and monitoring plan objects
- Using the Plan View

Managing workflow

- Changing job dependencies
- Canceling jobs and job streams
- Setting job and job stream priority
- Setting limits
- Killing jobs that are running

- Browsing job logs
- Rerunning jobs
- Submitting new work

Using the console manager command line

- Locating the command line interface
- Starting the conman command
- Conman help
- Command shortcuts

Understanding the scheduling environment

- Plan-based agent types
- Dynamic agent types
- Pools and dynamic pools

Managing workload definitions

- Starting the designer
- Navigating the designer
- Using Quick open
- Using the Working List
- The Create Like button

Creating scheduling objects

- Creating users
- Creating prompts
- Creating resources
- Creating calendars
- Creating Variable tables
- Creating jobs

Creating job streams

- Planning job streams
- Building a basic job stream
- Using scheduling options
- Adding dependencies
- Creating run cycles
- Adding jobs to job streams
- Advanced job stream options

Creating and using event rules

- Event rule basics
- Creating a simple event rule
- Using event rule triggers
- Using event rule actions
- Feeding event trigger data to event rule actions
- Sets and sequences of events

Forecasting and viewing future plans

- Creating a forecast plan
- Viewing the preproduction plan

Using the composer command line

- Locating the command line interface
- Starting the composer command
- Composer help
- Workload Scheduler scheduling language

Using Workload Application Templates

- Creating a new template
- Exporting the template
- Creating mapping rules
- Importing data

Reporting with Workload Scheduler

- Built-in reporting
- Creating historical reports
- Job run statistics report
- Job run history report
- Workstation workload summary report
- Workstation workload runtimes report

Creating plan reports

- Actual production details report
- Planned production details report
- Creating custom SQL reports with Workload Scheduler views
- Using the reporting command-line

