



IBM Tivoli Workload Scheduler 8.6 Operations and Scheduling Information

Length:	3.0 Days
Ref:	TX304G-X
Delivery method:	ClassroomInstructor Led Online
Price:	AUD

Overview

This 3-day course introduces IBM Tivoli Workload Scheduler 8.6 features, environment, and terminology. You learn about the features in Tivoli Workload Scheduler 8.6 for distributed environments and how to use the IBM Tivoli Dynamic Workload Console to manage Tivoli Workload Scheduler. You also learn how to monitor production workflow, and to plan, implement, and manage Tivoli Workload Scheduler objects to create a production day plan. Production workflow consists of job and job stream instances, which are designed using plan objects such as job definitions, prompts, dependencies, and recovery options. You manage changes to objects, the plan, jobs, events, and job streams. You also learn how to optimize production workflow and troubleshoot plan problems. In addition to classic batch scheduling, the use of dynamic workload and events is introduced. Training occurs in a classroom environment (or online in an instructor-led format) with hands-on labs to reinforce concepts through production scenarios.

Public

This basic course is for:

- New Tivoli Workload Scheduler users seeking proficiency in Tivoli Workload Scheduler version 8.6 job scheduling and operations
- Existing operators, schedulers, supervisors, and managers converting from previous versions to version 8.6
- Anyone needing guidance in managing plans, monitoring workloads, or submitting jobs and job streams
- Anyone needing a refresher course and introduction to the Tivoli Dynamic Workload Console Graphical User Interface

Prerequisites

You should have the following skills:

- General computer literacy in a GUI environment
- Basic understanding of production management and batch processing scheduling

- Knowledge of production job flow in the environment where Tivoli Workload Scheduler will be implemented
- Basic knowledge of Linux file navigation, editing, **and** command-prompt actions

Objective

- Describe Tivoli Workload Scheduler concepts and terminology
- Describe the components of Tivoli Workload Scheduler, including scheduling objects and dependencies
- Use the Tivoli 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
- Use the command-line composer and conman commands

Topics

Unit 1: Introduction to Tivoli Workload Scheduler

- Lesson 1 - Tivoli workload automation concepts
- Lesson 2 - Tivoli Workload Scheduler architecture overview
- Lesson 3 - Scheduling terminology
- Lesson 4 - Operational considerations

Unit 2: Monitoring workflow

- Lesson 1 - The Distributed Workload Console
- Lesson 2 - Monitoring plan objects
- Lesson 3 - Dependencies and properties
- Lesson 4 - Statuses

Unit 3: Managing workflow

- Lesson 1 - Managing jobs and job streams
- Lesson 2 - Managing dependencies
- Lesson 3 - Submitting work
- Lesson 4 - Managing events

Unit 4: Batch scheduling objects

- Lesson 1 - Variable tables and variables
- Lesson 2 - Prompts and resources
- Lesson 3 - Windows users
- Lesson 4 - Jobs
- Lesson 5 - Calendars

Unit 5: Creating job streams

- Lesson 1 - Job stream planning and the Workload Designer
- Lesson 2 - Building a basic job stream
- Lesson 3 - Graphical view
- Lesson 4 - Advanced job stream options

Unit 6: Troubleshooting job streams

- Lesson 1 - Solving problems in the plan
- Lesson 2 - Connectivity and properties

Unit 7: Event rules and workload automation

- Lesson 1 - Overview of event rules and actions
- Lesson 2 - Advanced use of event rules and actions

Unit 8: Dynamic scheduling

- Lesson 1 - Dynamic scheduling overview
- Lesson 2 - Jobs
- Lesson 3 - Resources
- Lesson 4 - Running dynamic workload

Unit 9: Utilities and reporting

- Lesson 1 - Alternate plans and time zones
- Lesson 2 - Command line access
- Lesson 3 - Reports

