

# CA PA for CA Workload Automation ESP Edition r11.4: Foundations 200



## PRODUCT RELEASE

CA Workload Automation ESP  
Edition r11.4

## DURATION & COURSE CODE

- Five (5) Hours
- Course Code: 06WA020034

## PREREQUISITES

- A basic understanding of IBM TSO or ISPF
- A basic knowledge and understanding of how jobs are scheduled in a production environment
- A basic knowledge and understanding of batch scheduling and automation concepts

## INTENDED AUDIENCE

- Scheduler
- Operator

## Content Overview

You require a workload automation product to service your cross-platform application workloads and enterprise-wide dependencies. CA Workload ESP Edition (CA WA ESP Edition) is a mainframe-hosted workload automation product that helps enable you to do this through event-based automation, workload prioritization, dynamic critical path analysis, and real-time alerting.

In this content, you will be shown the essential tasks necessary to work with CA WA ESP Edition. Through understanding the architecture and high-level feature set, creating applications and events, and defining calendars, you will be able to customize CA WA ESP Edition based on your enterprise needs. You will also be taught the basic skills needed to graphically define, monitor, and control workload using CA Workload Automation Workstation ESP Edition (CA WA Workstation), Time Sharing Option (TSO), and Interactive System Productivity Facility (ISPF).

## What Is Covered

- Describe the components of CA WA Workstation and automation concepts to help enable you to understand how to monitor and manage cross-platform workloads and enterprise-wide schedules.
- Monitor and control your workflow, managing exceptions and modifying the workflow in real time in CA WA Workstation and TSO.
- Create and customize applications to control jobs and automate job flows using procedures in CA WA Workstation and TSO.
- Create user-defined variables to create standard reusable processes, increasing efficiency and reducing maintenance.
- Create calendars, events, and schedules in CA WA Workstation and TSO to help manage job flow.
- Manage workload objects in the Consolidated Status Facility (CSF) ISPF panels and Workload Director to provide a real-time view of workload in your system, enabling you to monitor and control active workload in CA WA ESP Edition.

## Lessons Included

<b>Lesson 1 – Examine CA WA ESP Edition</b>	<b>Lesson 2 – CA WA Workstation: Connecting to CA WA ESP Edition</b>
<ul style="list-style-type: none"> <li>▪ Examine CA WA ESP Edition</li> </ul>	<ul style="list-style-type: none"> <li>▪ Connect to the CA WA ESP Edition Server</li> <li>▪ Create a user profile for CA WA Workstation</li> </ul>
<b>Lesson 3 – CA WA Workstation: Creating Applications with Mainframe Workload Objects</b>	<b>Lesson 4 – CA WA Workstation: Managing Events</b>
<ul style="list-style-type: none"> <li>▪ Create a basic application</li> <li>▪ Add jobs to an application</li> <li>▪ Save and upload an application</li> <li>▪ Download and view an application</li> </ul>	<ul style="list-style-type: none"> <li>▪ Create an event</li> <li>▪ Set the default event prefix</li> <li>▪ Simulate an event</li> <li>▪ Trigger an event on Hold</li> <li>▪ Trigger an event with add/replace</li> <li>▪ Trigger an event with a start job</li> </ul>
<b>Lesson 5 – CA WA Workstation: Managing an Application with the Workload Director</b>	<b>Lesson 6 – CA WA Workstation: Setting Scheduling Criteria</b>
<ul style="list-style-type: none"> <li>▪ Examine the Workload Director</li> <li>▪ Manage an application in the Workload Director</li> </ul>	<ul style="list-style-type: none"> <li>▪ Create an application for scheduling criteria</li> <li>▪ Add jobs for weekly and monthly scheduling</li> <li>▪ Add jobs for quarterly and yearly scheduling</li> <li>▪ Save the scheduling criteria application</li> <li>▪ Create an event for the scheduling criteria application and simulate it</li> </ul>



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## Lessons Included

### Lesson 7 – CA WA Workstation: Managing Calendars

- Create holidays and special days
- Define jobs using holidays and special days
- Add a calendar to an event

### Lesson 8 – CA WA Workstation: Managing Other Workload Objects

- Create an application for a multiplatform workload using an APPLSTART
- Add Windows NT jobs
- Add UNIX jobs
- Add an external job to an application
- Add a task to an application
- Add links to an application
- Add jobs with qualifiers to an application
- Add an APPLEND to an application
- Create an event and simulate it for the multiplatform workload application



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## Lessons Included

<p><b>Lesson 9 – CA WA Workstation: Managing Jobs with Additional Features</b></p> <ul style="list-style-type: none"> <li>▪ Update an application with additional keywords</li> <li>▪ Manage application libraries</li> <li>▪ Check condition and exit codes</li> <li>▪ Add time dependencies</li> <li>▪ Add a critical job</li> <li>▪ Add a resource to jobs</li> <li>▪ Create an event for interval jobs</li> </ul>	<p><b>Lesson 10 – CA WA Workstation: Controlling and Monitoring Workload Objects in the Workload Director</b></p> <ul style="list-style-type: none"> <li>▪ Navigate the Graphical View in the Workload Director</li> <li>▪ Create a custom view in the Workload Director</li> <li>▪ Edit a custom view in the Workload Director</li> <li>▪ Identify application commands in the Workload Director</li> <li>▪ Insert a job in the Workload Director</li> <li>▪ Insert a non-selected job in the Workload Director</li> <li>▪ Release an application in the Workload Director</li> <li>▪ Rerun an application in the Workload Director</li> <li>▪ Identify workload object commands in the Workload Director</li> <li>▪ Use the Hold and Release workload object commands in the Workload Director</li> <li>▪ Use the Bypass and Complete commands in the Workload Director</li> <li>▪ Reset times in the Workload Director</li> <li>▪ Rerun a failed job in the Workload Director</li> <li>▪ Trigger an application in the Workload Director</li> <li>▪ Enter commands in Line Mode Interface</li> </ul>
<p><b>Lesson 11 – CA WA ESP Edition TSO: Creating Applications</b></p> <ul style="list-style-type: none"> <li>▪ Navigate in TSO and ISPF</li> <li>▪ Create a sample application</li> <li>▪ Copy the sample application to create a new application</li> </ul>	<p><b>Lesson 12 – CA WA ESP Edition TSO: Managing Events</b></p> <ul style="list-style-type: none"> <li>▪ Create an event in TSO</li> <li>▪ Simulate an event in TSO</li> <li>▪ Trigger an event on hold in TSO</li> <li>▪ Trigger an event with a root job in TSO</li> </ul>



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## Lessons Included

<b>Lesson 13 – CA WA ESP Edition TSO: Setting Scheduling Criteria</b>	<b>Lesson 14 – CA WA ESP Edition TSO: Managing Calendars</b>
<ul style="list-style-type: none"> <li>▪ Add scheduling criteria to an application</li> <li>▪ Clone an event and simulate it for the scheduling criteria application in TSO</li> </ul>	<ul style="list-style-type: none"> <li>▪ Define a calendar in TSO</li> <li>▪ Define jobs using holidays and special days in TSO</li> <li>▪ Add a calendar to an event in TSO</li> </ul>
<b>Lesson 15 – CA WA ESP Edition TSO: Managing Distributed Workloads Objects</b>	<b>Lesson 16 – CA WA ESP Edition TSO: Managing Other Workload Objects</b>
<ul style="list-style-type: none"> <li>▪ Add a Windows NT job to an application in TSO</li> <li>▪ Add a UNIX job to an application in TSO</li> <li>▪ Simulate an event for the distributed workload application in TSO and the Event Manager</li> </ul>	<ul style="list-style-type: none"> <li>▪ Create an application using an APPLSTART statement in TSO</li> <li>▪ Add a task to an application in TSO</li> <li>▪ Add a link to an application in TSO</li> <li>▪ Add an APPLEND statement to an application in TSO</li> <li>▪ Add an external job to an application in TSO</li> <li>▪ Clone an event and simulate it in TSO</li> </ul>
<b>Lesson 17 – CA WA ESP Edition TSO: Managing Workload Objects in the CSF</b>	
<ul style="list-style-type: none"> <li>▪ Manage CSF views</li> <li>▪ Identify application commands in the CSF</li> <li>▪ Identify workload object commands in the CSF</li> <li>▪ Reset times in the CSF</li> <li>▪ Rerun a failed job in the CSF</li> <li>▪ Run an unscheduled job using the ADHOC command</li> <li>▪ Examine the application monitor</li> <li>▪ Enter commands in Page Mode in the CSF</li> </ul>	



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