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Titolo	BMC control-M 7 [[electronic resource]] : a journey from traditional batch scheduling to workload automation // Qiang Ding
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Edizione	[1st edition]
Descrizione fisica	1 online resource (534 p.)
Disciplina	005
Soggetti	Electronic data processing - Batch processing
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index. "Master one of the world's most powerful enterprise workload automation tools - BMC Control-M 7 - using this book."
Nota di contenuto	Cover; Copyright; Credits; About the Author; Acknowledgement; About the Reviewers; www.PacktPub.com; Table of Contents; Preface; Chapter 1: Get to Know the Concept; Introduce batch processing; The history of batch processing; Batch processing versus interactive processing; Time-based batch and event-driven batch; Is this the end for batch processing?; Running batch processing tasks; Automating batch processing; Basic elements of a job; What to trigger; When to trigger (Job's scheduling criteria); Dependencies (Job's predecessors and dependents); More advanced features of scheduling tools Ability to generate notifications for specified events Ability to handle an external event-driven batch; Intelligent scheduling - decision-making based on predefined conditions; Security features; Additional reporting, auditing, and history tracking features; Centralized enterprise scheduling; Challenges in today's batch processing; Processing time; Batch window length; Batch monitoring and management; Cross-time zone scheduling; Resource utilization; Maintenance and troubleshooting; Reporting; Reacting to changes; The solution; Processing time and resource utilization Batch monitoring and management Cross-time zone scheduling; Maintenance and troubleshooting; Reporting; Reacting to changes; From batch scheduling to workload automation; Batch scheduling;

Static scheduling; The Workload Automation concept; Dynamic batch processing with virtualization technology and cloud computing; Integration with real-time system, workload reusability; Summary; Chapter 2:Exploring Control-M; Control-M overview; Control-M road map; Key features; Supported platforms; The Control-M way; Control-M job; Submitting jobs; Post processing
From the user's perspective - Control-M/Enterprise ManagerControl-M Enterprise Manager GUI Client; Control-M Desktop; Control-M Configuration Manager; Reporting Facility; Control-M's Optional Features; Control-M Control Modules; Control-M/Forecast and BMC Batch Impact Manager; BMC Batch Discovery; Control-M Architecture and Components; Control-M/Enterprise Manager; Control-M/Enterprise Manager Server Components; Control-M/Server; Control-M/Server processes; Control-M/Agent; AG: Agent Listener, Request Handler; AT: Agent Tracker; AR: Agent Router Process; UT: Utility Process
Agentless TechnologyControl-M/Control Modules; How do Organizations Work With Control-M?; Where to Start?; General Product information; Official Education and Certification; Getting a Job in Control-M; Summary; Chapter 3:Building the Control-M Infrastructure; Three ages to workload automation; Stone age; Iron age; Golden age; Planning the Batch environment; Control-M sizing consideration; Total number of batch jobs run per day; Total number of job execution hosts; Number of datacenters; Amount of concurrent GUI users; Use Control-M/Agent or go Agentless; Production, development, and testing
Control-M high availability requirements

Sommario/riassunto

Master one of the world's most powerful enterprise workload automation tools - BMC Control-M 7 - using this book and eBook