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WebSphere Transformation Extender System Management Information

Length: 2.0 Days
Ref: 6T116G-X
Delivery method: Classroom
Price: EUR

Overview

This course provides a fundamental understanding and hands-on experience using WebSphere Transformation Extender to monitor, manage, and troubleshoot WTX systems running in a production environment.

WebSphere Transformation Extender performs transformation and routing of data from source systems to target systems in batch and real-time environments. The sources may include files, relational databases, message-oriented middleware, packaged applications, or other external sources. After retrieving the data from its sources, the WebSphere Transformation Extender product transforms it and routes it to any number of targets where it is needed, providing the appropriate content and format for each target system.

With the WebSphere Transformation Extender design tools, changes are recognized, absorbed, and deployed in real-time, allowing changes to be made to data and integration flows in-flight. In addition, a robust and extensive library of connectivity adapters takes advantage of all existing legacy, custom, and packaged applications within an enterprise with out-of-the-box, pre-built integration flows.

The WebSphere Transformation Extender Launcher is an event-driven execution engine that coordinates the triggering of map threads based upon either input event or time event triggers. With its ability to define complex event-triggering criteria, combined with a robust set of adapters that provide listener interfaces to detect these events, the Launcher is the cornerstone for providing real-time, event-driven integration.

The WebSphere Transformation Extender with Launcher is also available as a Hypervisor Edition. It is used to create, deploy, and manage WebSphere Transformation Extender environments and applications by using hypervisor, a component that hosts a virtual system. The procedures for loading the virtual image of WebSphere Transformation Extender With Launcher on IBM Workload Deployer and VMware vCenter along with the basic concepts of virtualization and cloud computing are explained in this course.

Public

This intermediate course is designed for system administrators, developers, and system operators.

Prerequisites

You should complete:

- *WebSphere Transformation Extender Fundamentals (SW110)*

and have a basic understanding of data formats, databases, and processing logic.

Objective

- Describe the Launcher architecture
- Use the Launcher Administration application to configure the Event Server
- Start and stop the Launcher in a Windows environment
- Use the Management Console to enable Debug
- Use the log files generated by the Management Console to identify problems in the system
- Describe the tasks that should be completed before systems are deployed to the production environment
- Modify WTX initialization file parameters to affect Launcher performance and behavior
- Deploy Launcher to a Unix server
- Configure the Launcher on Unix
- Remotely manage the Launcher using the Management Console and Launcher Monitor
- Use the WTX Utility Commands in Unix and Windows environment
- Use log files, utility commands, and scripts to isolate problems in a running system
- Explain the fundamental concepts of cloud computing and virtualization
- Describe the steps involved in loading the virtual image of WebSphere Transformation Extender With Launcher on IBM Workload Deployer and VMware vCenter
- Explain the different services available when additional help is required

Topics

- Launcher fundamentals
- Launcher management
- Preparing to deploy to production
- Performance tuning
- Deploying to production
- Managing Launcher systems from a command line
- WebSphere Transformation Extender with Launcher: Hypervisor Edition
- Troubleshooting
- Teaming with IBM