

IBM InfoSphere DataStage Engine Administration for Information Server v11.7

Duration: 1 Day Course Code: KM530G

Overview:

This course teaches Information Server and/or DataStage administrators to configure, manage, and monitor the DataStage Engine which plays a crucial role in Information Server. It not only runs high-performance parallel ETL jobs designed and built-in DataStage. It also supports other Information Server products including Information Analyzer, QualityStage, and Data Click. After introducing DataStage parallel jobs and the Engine that runs them, the course describes DataStage project configuration, the Engines development and runtime environments, and the Engines data source connectivity. In addition, the course explains how to import and export DataStage objects, how to run and monitor DataStage jobs through the command line and GUI, and how to use some important Engine utilities.

Target Audience:

This course is recommended for those who will be administering Information Server and DataStage.

Objectives:

- After completing this course, you should be able to:
- - Describe how the DataStage Engine is used within Information Server
- - Describe how the engine achieves high performance through partition parallelism
- - Describe the DataStage job compilation process
- - Describe the engine runtime process and environment
- - Describe the purpose and format of the DataStage configuration file - Describe how to configure the engine using environment variables
- - Describe how to configure data source connections
- - Describe the ways of running DataStage jobs
- - Describe how to monitor DataStage jobs and the runtime environment
- - Describe engine workload management
- - Import and export DataStage jobs and other engine objects

Content:

Unit 1: Introduction to the Information Server (DataStage) engine	Configuration files	Monitoring jobs in Director and the Operations Console
Information Server architecture	TheScore	Workload management
How the DataStage Engine is used in Information Server	Unit 4: Engine project configuration	Starting and stopping the Engine
DataStage Engine features	DataStage project authorizations	Unit 7: Engine utilities
Unit 2: Elements of a DataStage job	Runtime Column Propagation (RCP)	Data set utilities
Anatomy of a DataStage parallel job	Environment variables	Multiple job compile
Explore the elements of an example DataStage job, including its stages and job parameters	Unit 5: Configuring database connectivity	Resource estimation tool
Understand the OSH that is generated by the job during compile	Configuring ODBC data sources	Unit 8: Importing and exporting DataStage objects
Unit 3: Engine architecture	Configuring native database connections	DataStage Designer exports and imports
Partition parallelism	Unit 6: Running DataStage jobs	Command line exports and imports
Runtime architecture	Running jobs from the command line	

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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