IBM INFOSPHERE DATASTAGE ENGINE ADMINISTRATION FOR INFORMATION SERVER V11.7

Course Code: 900090

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.

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, but 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 Engine- s development and runtime environments, and the Engine- s 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.

What You'll Learn

After completing this course, you should be able to:

- Describe the components of a DataStage parallel job
- Describe the engine architecture and project configuration
- Describe the purpose and format of the DataStage configuration file
- Explain how to configure the engine using environment variables
- Demonstrate how to configure data source connections
- List several ways of running DataStage jobs
- Describe how to monitor DataStage jobs and the runtime environment
- Manage data sets and run the Multiple Job Compile utility
- Import and export DataStage jobs and other engine objects

Who Needs to Attend

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

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VIRTUAL CLASSROOM LIVE	$950 USD	1 Day

Virtual Classroom Live Outline

Module 1: Introduction to the Information Server (DataStage) engine

- Describe the Information Server (DataStage) engine
- Describe how the engine is used in Information Server
- Identify how the engine is invoked
- List the main features of the engine

Module 2: Elements of a DataStage job

- Describe the components that make up a DataStage job
- Describe the OSH and explain how it corresponds to the GUI DataStage job design
- Run a DataStage job and view the job log

Module 3: Engine architecture

- Define partition parallelism
- Describe the DataStage runtime process
- Explain the purpose of job configuration files
- List the elements of a job configuration file

Module 4: Engine project configuration

- Create Data users
- Give credentials to DataStage users
- Specify project roles for DataStage users
- Configure a DataStage project in the DataStage Administrator client
- Specify environment variable settings

Module 5: Configuring database connectivity

- Configure the engine to connect to databases using direct API connections
- Configure the engine to connect to databases using ODBC drivers

Module 6: Running DataStage jobs

- Run job sequences
- Run jobs from the command line
- Monitor the DataStage job log
- Use the DataStage and QualityStage Operations Console
- Manage the workload
- Stop and start the DataStage engine

Module 7: Engine utilities

- Manage data sets
- Use the Multiple Job Compile utility

Module 8: Importing and exporting DataStage objects

- Export and import DataStage objects in DataStage Designer
- Export and Import DataStage objects using the DSXImportService command

May 26 - 26, 2026 | 9:30 AM - 5:30 PM EDT

Sep 10 - 10, 2026 | 9:30 AM - 5:30 PM EST

Nov 23 - 23, 2026 | 9:30 AM - 5:30 PM EST

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