



Informatica Intelligent Cloud Services (IICS) Advanced Boot Camp

Course ID #: 7000-697-ZZ-Z

Hours: 21

Days: 3

Course Content

Course Description:

In this course, you will cover Informatica's Intelligent Cloud Services Advanced topics and Performance and Tuning. Focus on Web Services, REST API and Special Advanced Transformations like JAVA and Transaction Control. Recommended for Developers with few months + experience with IICS. Practical Advanced Labs designed to enhance in depth knowledge of IICS.

Prerequisites:

None.

Target Audience:

- Developers

Topics:

Lesson 1: Advanced mapping Techniques

- Local Variables Advanced usage
- Data Pivot: Normalizing & Denormalizing Techniques
- Joiner Advanced technique: Self Join & sorted input
- Dynamic lookups
- Dynamic Mapping Task
- Dynamic Schema Change

Exercise #1: Denormalizer, Self Join and Dynamic lookup

- Slowly Changing Dimension Type II & III and IV(MappingTask)

Lesson 2: Cloud Data Warehouse Integration (Snowflake & IICS)

- Overview of Snowflake
- IICS Connecting & implementing SDC with Snowflake

Exercise #2: Slowly Changing Dimension Type II & III and VI

Lesson 3: Administration overview

- Enabling source control
- Switch between different organization
- Create User Roles, User Groups, and Object level permissions
- Migration
- Audit logs



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Lesson 4: Web services and Hierarchical transformations

- Overview of Web services
- Usage of web service transformation
- Hierarchy Parser Transformation
- Hierarchy Builder Transformation

Exercise #3: Create a mapping that uses a web service transformation.

Exercise #4: Create a mapping that uses a Hierarchy Parser transformation.

Exercise #5: Create a mapping that uses a Hierarchy Builder transformation.

- Intelligent Structure Discovery

Lesson 5: Informatica Cloud Rest API

- Overview of Rest APIs in Informatica cloud
- IP Address Filtering

Exercise #6: Create a Rest API to run a mapping task

Lesson 6: Performance & Tuning Optimization

- Partitioning rules and Guidelines
- Pushdown Optimization
- Optimizing performance of Blocking Transformations:
 - Aggregator
 - Joiner
 - Ranking
 - Sorter
- Transaction Control
 - Commit & Rollback
 - Enhancing performance with Blocking Transformations

Exercise #6: Optimizing Performance

Lesson 7: Advanced Topics & Transformations

- Java Transformation
- Masking Transformation

Exercise #7: Masking Data + Java

- Data Integration Elastic

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