



Informatica Intelligent Cloud Services (IICS) Foundation Boot Camp

Course ID #: 7000-622-ZZ-Z

Hours: 28

Days: 4

Course Content

Course Description:

In this course, you will cover the architecture and data integration features that allow attendees to integrate hybrid data between cloud-based applications and on-premises data and systems.

The boot camp will teach Developers and Analysts how to create Mappings, Mapplets, Tasks and Taskflows in addition to a variety of other techniques. Labs from real life use cases, have intro and advanced segments to challenge all attendees background levels.

The 4 days course is designed to teach IICS Boot Camp to Developers and Analysts through lectures, Demos and Labs. Attendees with or without PowerCenter exposure will become IICS proficient in few days. IICS draw its roots from PowerCenter, however many architectural differences, naming conventions and different interface will be covered in detail.

Prerequisites:

None.

Target Audience:

- Developers & Analysts New to Informatica
- Developers with prior Exposure to PowerCenter

Topics:

- Introduction to the Cloud Interface
- Advantages of Informatica Cloud
- Overview of Cloud services
- Integrating Informatica Cloud and PowerCenter



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Lesson 1: Informatica Cloud Architecture

- Informatica Cloud Integration Service Architecture
- Informatica Cloud Secure Agent Architecture

Lesson 2: Configuration

- System Requirements
- Secure Agent Configuration
- Creating and Configuring Connections
- Flat File Connection Features
- Creating and Configuring Schedules
- Creating Queries

Exercise #1: Download, Install and Configure the Secure Agent

Exercise #2: Creating connections

Lesson 3: Integration Applications

- Configuring a Data Replication Task
- Configuring a Data Synchronization Task

Exercise #3: Data Synchronization

Exercise #4: Synchronize Salesforce Contacts

- Configuring a Data Masking Task
- Configuring a PowerCenter Task
- Explain advanced options (i.e., Pre- and Post-Processing Commands, Operating System Commands, Success and Failure email notifications, Assign parameter file)
- Configure File Listener Job

Lesson 4: Monitoring and Debugging

- Activity Monitor Service
- Debugging task
- Errors and log files

Lesson 5: Troubleshooting

- Secure Agent
- Connection
- Mapping
- Mapping Task, Synchronization Task, Replication Task, Masking Task, PowerCenter Task, Scheduled Task
- Security

Lesson 6: Informatica Cloud Mapping Designer

- Overview of the mapping designer
- Mapping transformations overview: Joiner, Expression, Filter, Aggregator, Rank, Sorter, Normalizer, router, sequence generator and Lookup, Data Masking
- CLAIRE recommendations for source objects
- Assigning Field Rules to the transformations
- Create variables and parameters in the mapping

Exercise #5: Source and Target Definitions, Simple Mapping

Exercise #6: Expression and aggregator transformation

Exercise #7: Flat File Source, Joins

Exercise #8: Lookup and Rank Transformations

Exercise #9: Complex mapping to load Salesforce Data, Router Transformation

Exercise #10: Local variables, Sorter Transformation

Exercise #11: Using Sorted Input Optimization

Exercise #12: Normalizer



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Lesson 7: Mapping Task

- Usage of a mapping Task

Exercise #13: Slowly Changing Dimension Type I

(MappingTask)

- Data Validation
- Runajob Utility
- Dynamic Mapping Task
- Dynamic Schema change

Lesson 8: Taskflows

- Usage of Taskflows
- Configuring a Taskflow
- Taskflow Inputs
- Taskflow Functions
- Command Task

Exercise #14: Simple Taskflow and Error Handling

Exercise #15: Complex Taskflow

Exercise #16: Mapping Parameters

Register for this class by visiting us at:

www.tcworkshop.com or calling us at 800-639-3535