



Raj
Informatica

IICS Online



8105296858 / 9113861544 Live Training

Trainer Name: RAJ(Nataraj)

Exp: 12+ years

Location: Bangalore (Currently working on Informatica tools)

Course Description: This training program is designed to prepare the candidates for Informatica IICS Developer. This Informatica IICS End to End, Realtime, Job based Training for Developers course teaches CDI (Cloud Data Integration) and CAI (Cloud Application Integration) in IICS. After completion of this course, you are equipped with skills needed for Informatica IICS (CDI and CAI) Realtime development also you can easily crack IICS Certification.

How this training is different than others??

Informatica IICS Hands on Explanation and Practice

Practice and Realtime Explanation

- ☐ Day to Day Explanation on Real-time IICS Mappings / Mapping Configuration Tasks
- ☐ For each topic, mapping document (Business Requirement) will be created and IICS mapping will create on live session based on the mapping document.
- ☐ Working with Cloud databases like Snowflake, Salesforce, GCP and AWS.
- ☐ All Doubts will clear on live sessions.
- ☐ Interview questions on each topic will be covered on daily basis and provided to the candidate
- ☐ Daily Practice at Home
- ☐ Complete End to End CDI (Cloud Data Integration) and CAI (Cloud Application Integration)
- ☐ Realtime Project work Explanation using CDI and CAI
- ☐ Realtime Project Document Explanation
- ☐ Resume building on informatica IICS
- ☐ Interview questions and Tips to clear the interview and IICS certification.

T H E E X C E L L E N C E

Course Duration: 70+ Hours (35 days)

Software Installation: Oracle Database 11g Express Edition, Oracle SQL Developer, IICS Secure Agent

Accounts: Trail account creation in Snowflake, Salesforce, AWS and GCP

Take Away: PPTs on daily basis will Sample Data Model and sample case study

Class Delivery: On-Line (Interactive LIVE Web Based) - ZOOM



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IICS CDI (CLOUD DATA INTEGRATION): PART-1

IICS Introduction

Difference between Informatica PowerCenter and IICS.

IICS Architecture.

IICS Secure Agent Installation

IICS Login and Overview.

Connectors in IICS

- Connect Oracle DB with IICS.
- Connect Salesforce with IICS
- Connect Snowflake Cloud with IICS
- Connect Google Cloud platform with IICS
- Connect Amazon Webservices (AWS) with IICS

Working with IICS

- Create a New Project in IICS Dashboard
- Create a Folder under the Project
- Create a Mapping in IICS canvas.
- Complete source and target properties in IICS Mapping.
- Working with Mapping Configuration Task.
- Monitoring the IICS Jobs.
- Synchronize the fields

working with Transformations in IICS.

- Reusable Transformations
- Source Transformation with Realtime Example and its properties.
- Target Transformation with Realtime Example and its properties.
- Filter Transformation with Realtime Example and its properties.
- Router Transformation with Realtime Example and its properties.
- Working with flat files.
- Expression Transformation with Realtime Example and its properties.
- Aggregator Transformation with Realtime Example and its properties.
- Joiner Transformation with Realtime Example and its properties.
- Union Transformation with Realtime Example and its properties.
- Rank Transformation with Realtime Example and its properties.
- Lookup Transformation with Realtime Example and its properties.
- Dynamic Lookup Cache with Realtime Example and its properties.
- Un-Connected Transformation with Realtime Example and its properties.
- Sequence Generator Transformation with Realtime Example and its properties.
- Transaction Control Transformation with Realtime Example and its properties.
- Normalizer Transformation with Realtime Example and its properties.
- Java Transformation with Realtime Example and its properties.
- SQL Transformation with Realtime Example and its properties.

Parametrization in IICS:

- Mapping Parameters.
- Parameter Panel, Input and In-Out Parameters in IICS with Realtime example.
- Connection Parameters.
- Using Parameter File Directory and Parameter File Name
- Invoking parameters from Task flow.

IICS Complex Mapping Examples.

- Flow Run Order in IICS
- Implementation of Incremental Loading in IICS with Realtime Example
- Implementation of SCD type-1 and Type-2 in IICS with Realtime Example
- Implementation of Fact Load in IICS with Realtime Example.
- Different Environments used in real time. (Detailed explanation about DEV / QA / Prod)

Macros in IICS

- Expression Macros
- Horizontal Macros
- Vertical Macros
- Hybrid Macros
- Dynamic Linking

Working with Json Files

- Understanding Json files.
- Read Json Files
- Hierarchical schema.
- Indirect File Method.
- Hierarchical Parser Transformation to read the data from Json file.
- Hierarchical Builder Transformation to generate a Json File.

Working with XML Files

- Read the Data from XML File in IICS using Hierarchy Parser Transformation.
- Generate the XML target File in IICs using Hierarchy Builder Transformation

Components in IICS

- User Defined functions.
- Fixed width file Format.
- Saved Query
- Shared Sequence.

Tasks in IICS

- Mapping Task with all Properties. (Scheduling in IICS).
- Synchronization Task with Realtime Example (Salesforce to Flat File Data Synchronization Task).
- Replication Task with a Realtime Example.
- PowerCenter Task with a Realtime Example.

Mapplet in IICS

Mapplets-PC Import

Task Flows

- Linear Task Flows in IICS
- Task Flows in IICS.
- Assignment
- Data Task



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- Notification Task.
- Command Task.
- File Watch Task.
- Decision.
- Sub Task.

Project Explanation and Implementation in CDI

PART-2

IICS CAI (CLOUD APPLICATION INTEGRATION):

API Basics

- What is API
- Why we need API
- Advantages of API
- REST API
- SOAP API
- POST MAN tool to call API

POSTMAN Tool

- Setup and Signing-in
- Create Projects
- Working.

Application Integration

- Application Integration Console.
- Create a new Process in Processes
- Properties of the Processes.
- Using Assignment.
- Calling MCT or TASK created in CDI from CAI using Service.
- Using Decision.

CALL API in IICS

- Service Connectors
- Configure Service Connector using Form. (Action, Input, Biding, output, Test Results).
- App Connections.
- Write the data to flat file/Database.
- Using JDBC Connection.
- Process Schedules – Exaction Schedules.

Getting the Whole Response Write inside into the file

- Service Connectors
- xQuery
- Share the DB Data using API.
- Write
- Using JDBC Connection.
- Process Schedules – Exaction Schedules.



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IICS METADATA API

- Implementing Token Base API
- GET and POST Response.
- Get_Token , serviceUrl
- GetActivityDetails
- Expose API to Client

Swagger File

- Create a Connection using Swagger File.
- Service Connector from WSDL
- Service Connector from Swagger
- Service Connector from OpenAPI 3.0
- Data access Service Connector using Form.

READ API DATA FROM CDI

- Create and Configure REST V2 Connector
- Create Business Service.
- Web Services Transformation.

API Manager

- Create Manager API
- IP Filtering.
- Create Custom API.
- API Registry
- API Groups.
- Policies
- Analytics.

API Portal

- API Registry
- AIP Groups.

Operational Insights

- Home
- Alerts
- All Infra Structure
- Application Integration.
- Data Integration.
- AIP Groups.

Project Explanation and Implementation in CAI

Advanced Topics

- Structure Parser Transformation with Realtime Example and its properties.
- Read the data from Excel file.
- Data Masking Transformation with Realtime Example and its properties.
- Task Flow In-out Parameter.
- Audit Framework.
- Read Parameter in Taskflow Level.



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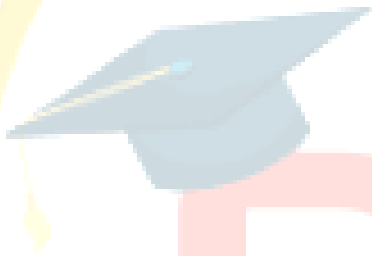


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- Application Integration.
 - pmcmd Command
 - Masking Task
 - Data Transfer Task with a Realtime Example
 - Custom Error Handling
 - Handling Fatal and Non-Fatal Errors.
 - Partitioning basics
 - Pushdown optimizations basics.
 - Deployment using GIT or Jenkins
-

Interview Questions

Resume Building



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THE EXCELLENCE