

# Informatica Intelligent Cloud Services (IICS) Training

*COURSE CONTENT*

## GET IN TOUCH



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## About Multisoft

Train yourself with the best and develop valuable in-demand skills with Multisoft Systems. A leading certification training provider, Multisoft collaborates with top technologies to bring world-class one-on-one and certification trainings. With the goal to empower professionals and business across the globe, we offer more than 1500 training courses, which are delivered by Multisoft's global subject matter experts. We offer tailored corporate training; project Based Training, comprehensive learning solution with lifetime e-learning access, after training support and globally recognized training certificates.

## About Course

Informatica Intelligent Cloud Services (IICS) is a cutting-edge cloud-based data integration and management platform that empowers organizations to seamlessly connect, transform, and manage their data across various cloud and on-premises systems. Multisoft Systems offers a comprehensive course on IICS, designed to equip participants with the skills and knowledge needed to harness the full potential of this powerful platform.

## Module 1: Informatica Cloud Overview

- ✓ Informatica Intelligent Cloud Services (IICS) as an iPaaS solution
- ✓ Informatica Cloud Terminologies
- ✓ Informatica Cloud Architecture
- ✓ CDI Assets
- ✓ CDI Components

## Module 2: Runtime Environments and Connections

- ✓ Runtime Environments
- ✓ Secure Agent Architecture
- ✓ Secure Agent Status
- ✓ Elastic Server
- ✓ Secure Agent Services
- ✓ IICS Log Files
- ✓ Connections
- ✓ Connection Types
- ✓ Creating Connections

## Module 3: Synchronization and Data Transfer Task

- ✓ Synchronization Task Overview
- ✓ Synchronization Task – Definition Step
- ✓ Synchronization Task – Source Step
- ✓ Synchronization Task – Target Step
- ✓ Synchronization Task – Data Filters Step
- ✓ Synchronization Task – Field Mapping Step
- ✓ Synchronization Task – Schedule Step
- ✓ Data Transfer Task
- ✓ Activity Monitor

## Module 4: Cloud Mapping Designer

- ✓ Cloud Mapping Designer Overview

- ✓ Mapping Designer Terminologies
- ✓ CLAIRE Transformation Recommendations
- ✓ Mapping Data Preview
- ✓ Customizing Mapping Preview
- ✓ Field Rules
- ✓ Best Practices for Creating Mappings
- ✓ Data flow run order
- ✓ Mapping Task
- ✓ Dynamic Schema Change
- ✓ Deploy mapping updates

## **Module 5: Cloud Mapping Designer - Transformations**

- ✓ Source Transformation
- ✓ Target Transformation
- ✓ Filter Transformation
- ✓ Joiner Transformation
- ✓ Expression Transformation
- ✓ Lookup Transformation
- ✓ Union Transformation
- ✓ Mapplets
- ✓ SQL Transformation
- ✓ Aggregator Transformation
- ✓ Normalizer Transformation
- ✓ Rank Transformation
- ✓ Data Masking Transformation
- ✓ Java Transformation

## **Module 6: Mapping Parameters**

- ✓ Parameterization use cases
- ✓ Adding Parameters to a Mapping
- ✓ Creating parameters

- ✓ Parameter Types
- ✓ Using parameter files
- ✓ In-Out Parameter in Mapplet
- ✓ Parameter File Directory
- ✓ Parameter Best Practices

## **Module 7: Expression Macro and Dynamic Linking**

- ✓ Expression Macro
- ✓ Dynamic Linking

## **Module 8: Replication Task**

- ✓ Replication Task Overview
- ✓ Replication Task Features
- ✓ Replication Task: Source and Target Options
- ✓ Other Replication Task Options
- ✓ Resetting the Target Table
- ✓ Generating Non-Unique Index
- ✓ Appendix: Replicating Data to a Flat file

## **Module 9: Masking Task**

- ✓ Masking Task Overview
- ✓ Masking Task: Source and Target Options
- ✓ Data Subset: Row Limits and Data Filters
- ✓ Field Masking Rules
- ✓ Masking Rule Types
- ✓ Refresh Masking Task metadata
- ✓ Reset a Masking Task
- ✓ Masking Best Practices

## **Module 10: Mass Ingestion Task**

- ✓ Mass Ingestion Task Overview

- ✓ Functionalities
- ✓ Configuring a Mass Ingestion Task
- ✓ File Ingestion Task
- ✓ Database Ingestion Task
- ✓ Streaming Ingestion Task

## Module 11: Taskflows

- ✓ Taskflow overview
- ✓ Linear Taskflows
- ✓ File Listener Enhancements
- ✓ Taskflow Steps
- ✓ Taskflow Templates
- ✓ Parameters in Taskflow
- ✓ Using REST APIs
- ✓ Invoke a Taskflow through a File Listener

## Module 12: Hierarchical Connectivity

- ✓ Web Service transformation
- ✓ REST V2 Connector
- ✓ Hierarchical Schemas
- ✓ Hierarchy Parser Transformation
- ✓ Hierarchy Builder Transformation

## Module 13: Intelligent Structure Model

- ✓ Intelligent Structure Model
- ✓ Intelligent Structure Discovery Process
- ✓ Intelligent Structure Example
- ✓ Refining a Discovered Structure
- ✓ Editing an Intelligent Structure Model
- ✓ Intelligent structure models based on an XSD file
- ✓ Using intelligent structure models in Structure Parser transformation

## Module 14: Advanced Task Settings and Performance Tuning

- ✓ Primary Key Chunking
- ✓ Lookup SQL Override
- ✓ Partitions Overview
- ✓ Types of Partitions
- ✓ Partitioning Rules and Guidelines
- ✓ Pushdown optimization overview
- ✓ Types of pushdown optimization
- ✓ Pushdown optimization user-defined parameters
- ✓ Secure agent groups
- ✓ Shared secure agent groups
- ✓ DTM performance properties

## Module 15: Exception Handling

- ✓ Types of exceptions
- ✓ User-defined exceptions
- ✓ Non-fatal exceptions
- ✓ Default Field Value Setting
- ✓ Row Error Logging
- ✓ Error handling settings
- ✓ Fatal exceptions
- ✓ Bad files or Reject files

## Module 16: Administration

- ✓ Licenses
- ✓ Administrator Service
- ✓ User Roles (System-defined Roles and Custom Roles)
- ✓ Creating a User
- ✓ User Groups

- ✓ User Statistics
- ✓ Permissions
- ✓ Object-Level Permissions
- ✓ Organization Hierarchy
- ✓ Sub-Organization
- ✓ Importing and Exporting Assets
- ✓ Asset Dependency
- ✓ Add-on Bundles

## **Module 17: Automating and Monitoring Tasks**

- ✓ Schedules
- ✓ Schedule Repeat Frequency
- ✓ Schedule Blackout Period
- ✓ Schedule Export
- ✓ Monitoring tasks
- ✓ Email Notifications
- ✓ Event Monitoring

## **Module 18: IICS APIs**

- ✓ REST API overview
- ✓ Informatica Cloud REST API
- ✓ REST API Versions
- ✓ Request Header and Request Body configuration
- ✓ Return Lists
- ✓ Demo: RunAJob Utility