

# **Informatica PowerCenter**

## Lesson 19: Constraint Based Loading

## Lesson Objectives

- In this Lesson you will learn about:
  - Introduction to Constraint Based Loading
  - Steps For Implementation



## 19.1. Introduction To Constraint Based Loading

- Constraint based loading is used when we need to populate the tables, which have parent child relationship, in the same mapping
- Constrained base load order Informatica load the data on the basis of constraints to target tables, basically Primary key and Foreign key
- When target tables have no key relationships, the Informatica Server does not perform constraint-based loading
- When target tables have circular key relationships, the Informatica Server reverts to a normal load.
- The constraint based load ordering option applies for only insert operations.
- The target tables must be in the same Target connection group.
- Use parameters file to make sessions more flexible and reusable.



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Use this mapping when you do not need to keep any previous versions / history of dimensions in the table.

## 19.2. Steps For Implementing Constraint Based Loading

- Steps for creating mapping following Constraint based loading
  - First import the source and target tables (Take for example Product and Customer table)
  - Make sure that the foreign key relationship exists between the Product and Customer table else create the relationship in the target analyzer
  - Create the mapping with the source pointing to both the target Product and Customer table.
  - Once mapping is done create workflow and session and check the option of constraint based load ordering.
  - Save the mapping and run the workflow



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Use this mapping when you do not need to keep any previous versions / history of dimensions in the table.

## Summary

- This Lesson gives knowledge constraint based loading



## Review Question

- 1. Constraint based loading can be used in insert /update strategy of target load ?

A. no  
B. yes

Option A

- 2. Constraint based loading required target tables to be in same flow and have PK-FK relations defined in DB or in Informatica

A. True  
B. False

Option A

