

Aceindus IT Training

INFORMATICA POWERCENTER 9.1

DATAWARE HOUSING FUNDAMENTALS

1. What is Database?
2. What is Data Warehousing?
3. Difference between OLTP Database and DWH.
4. ETL FUNDAMENTALS.
 - i) Data Extraction
 - ii) Data Transformation
 - iii) Data Loading
5. What is ETL Client?
6. DataMart and Types of Data Marts.
7. DataWareHouse-Database Design.
 - i) Star Schema.
 - ii) Snow Flake Schema.
 - iii) Galaxy Schema.
8. OLAP and Types of OLAPs
9. DataWareHouse Architecture.

INFORMATICA POWERCENTER 9.1

1. Power Center Components.

- Power Center Clients
- Power Center Repository.
- Power Center Domain
- Integration service
- Repository Service
- Administration Console

2. Difference between Informatica 8.X and 9.X

3. Power Center Architecture

4. Integration Service Architecture

TRANSFORMATIONS

a). ACTIVE TRANSFORMATIONS.

- Filter Transformation
- Router Transformation
- Aggregator Transformation
- Joiner Transformation
- Union Transformation
- Sorter Transformation
- Rank Transformation
- Transaction Control Transformation
- Update Strategy Transformation
- Normalizer Transformation
- Source Qualifier Transformation
- SQL Transformation.

b). PASSIVE TRANSFORMATION

EXPRESSION TRANSFORMATION
 SEQUENCE GENERATOR TRANSFORMATION
 STORED PROCEDURE TRANSFORMATION
 LOOKUP TRANSFORMATION (Upgradations in 9.X)
 XML SOURCE Qualifier Transformation.

c). CONNECTED AND UNCONNECTED TRANSFORMATIONS.

d). FLAT FILES AND ITS TYPES.

POWER CENTER ADVANCED

- 1). Unconnected lookup Transformation
- 2). Unconnected Stored Procedure to Create and Drop Index
- 3). Mapplet And Types Of Mapplets
- 4). Defining Reusable Transformations.
- 5). User Defined Functions.
- 6). Tasks And Types Of Tasks.
- 7). Worklet and Types Of Worklets.
- 8). Scheduling Work flow
- 9). Constraint Based Load Ordering.
- 10). Target Load Plan
- 11). Types Of Batch Processing
- 12). Link conditions
- 13). Mapping Parameters
- 14). Mapping Variables
- 15). Defining Session Parameters
- 17). Session Recovery
- 18). Difference Between Normal and Bulk Loading.
- 19). Push Down Optimization.
- 20). PMCMD Utility
- 21). PMREP Utility
- 22). Incremental Aggregation
- 23). TYPES of LookUp Caches.**

- Static LookUp Cache
- Dynamic LookUp Cache
- Persistence lookUp Cache
- Shared LookUp Cache

24). Sorter and Rank Cache.

- 25). ETL UNIT Testing (8 test Cases)
- 26). ETL PERFORMANCE TESTING (3 test cases)
- 27). ETL Performance
Optimization techniques

28). Task Implementations.

- Session
- Command
- EMAIL
- Timer
- Event Wait
- Event Raise

- Decision
- Assignment
- Control
- Worklet

Ace Indus Tech-Sol India Pvt. Ltd,
Plot # 21,Flat #203,Techno Residency,
Opp: Mind Space(Raheja IT Park),Madhapur,
Hyderabad,TS-500081,India