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IBM PureData System for Analytics Usage Information

Length: 3.0 Days
Ref: DW503G-X
Delivery method: Classroom
Price: EUR

Overview

This course will teach participants database administration for the IBM PureData System for Analytics (PDA) N1001 and N2001 appliance. This course is designed to give the participant an overview of the IBM PureData System for Analytics (PDA) architecture and provide a working knowledge and understanding of the PDA database features and best practices. It includes content and labs on the features introduced in NPS 7 including full schema support.

Public

This course is for Database administrators, system administrators, application developers, and data warehouse architects.

Prerequisites

You are required to have a working knowledge of UNIXor Linux, experience with shell scripting, experience with VI editing, **and** basic SQL.

Objective

- Administer the IBM PureData System for Analytics appliance
- Configure client connectivity
- Create databases and tables
- Determine distribution methods
- Set up Clustered Base Tables
- Load and unload tables
- Generate statistics
- Analyze query plans
- Create materialized views
- Reclaim unused disk space
- Program stored procedures

Topics

- Data warehouse overview
- Architecture
- Connecting to the IBM PureData System for Analytics host
- Managing user access to the IBM PureData System for Analytics database
- Administration tools
- Databases and tables and schemas
- Distributions
- Loading and unloading tables
- ODBC, JDBC, OLEDB client connectivity
- Optimizer and query plans
- Zone maps and Clustered Base Tables (CBT)
- Materialized views
- Generate statistics
- Cross-database access
- Transactions
- GROOM
- Stored procedures