

Big Data Greenplum DBA Online Training

About The Greenplum DBA Course

Greenplum on-line coaching course is intended to create you skilled in operating with **Greenplum database**. Throughout this interactive course, Students are walked through the essential steps concerned in making an instance. We'll review basic information warehouse table structures and review access strategies. Our coaching can cover postgre SQL necessities together with basic SQL structures, user maintenance, Roles and privileges, information sorts and functions. we'll teach basic **Greenplum administrator** functions like tuning and backup/recovery. The coaching can cover a large space of topics as well as the specified configuration settings, enabling compression and append only as columnar storage. Students can get to find out and take a look at the various information loading strategies like gpload, gpfdist, COPY and INSERT exploitation multiple knowledge sources. The coaching can give active expertise with the key Greenplum options like resource queues and advanced work management.

Greenplum Database (GP-DB) is an extensible relational database platform that uses a shared-nothing, massively multiprocessing architecture designed atop goods hardware to immensely accelerate analytical processing.

Most of today's general relational databases (e.g. Oracle, Microsoft SQL Server) originated as on-line group action process (OLTP) systems. Their 'shared-disk' or 'shared-everything' architectures are optimized for prime group action rates at the expense of analytical question performance and concurrency.

Salient Features

- Strategic oriented training methodology
- Basic to advanced concept
- Example real time case studies
- Start learning from basic fundamentals.
- Training by real time experienced consultant
- Doubt clarification sessions
- Certification preparation help.
- Help with CV writing, interview tips
- The course fees will be affordable

We additionally give class room and on-line course to deal with today's competitive IT world. Learners will grasp the technology-subject from our highly experienced and a certified trainers

which is able to be serving to the scholars to figure in real time comes. Learners can prefer for either regular course or fast track categories or weekend coaching categories.

Road Map a Head

Greenplum info builds on the foundations of open source database PostgreSQL. **GreenPlum** primarily functions as a data warehouse and utilizes a massively parallel (MPP) design. **GreenPlum database** is partitioned off across multiple phase servers and every section owns and manages a definite portion of the general information. Advantages of **Bigdata Greenplum** DBA on-line coaching is to boost skills on database administrators, getting ready to deploy the **Greenplum** info system.

Retors USP

Retors Lernen Labs offer **Greenplum on-line coaching in across all countries like USA, UK, Canada, Singapore, UAE, Australia, Europe, Japan, China and India.** We tend to additionally give Job support & Interview Support.

- Retors Lernen Labs is providing **Greenplum** coaching supported specific desires of the learners particularly we are going to provide innovative one to 1 categories that have nice opportunities within the gift IT market.
- Retors Lernen Labs is a world class leading training organization committed to impart excellence in training on leading technologies across the world. With World class working knowledge we boast that our trainers are second to none when compared to other faculty in both National and International levels.
- It's proud to be we have a tendency to square measure one among the highest leading **Greenplum on-line coaching provider from India.** We are into this field with passion and dedication we are in to on-line trainings from a few years.
- Our team of well practiced **Greenplum** trainers with large real time IT expertise in on-line coaching's devoted towards providing quality training. Retors Lernen Labs has taken nice steps in providing highest quality on-line categories.

If you want to know more about **Greenplum** Online Training do not hesitate to call **+91-7032670921** or mail us on **retorslernenlabs@gmail.com.**

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GREENPLUM OVERVIEW

Introduction to Greenplum

Module 1: Greenplum Architecture

About the Greenplum Master

About the Greenplum Interconnect

About Segment Mirroring

Segment Failover and Recovery

About Master Mirroring

Module 2: About Distributed Databases

Understanding Greenplum Distribution Policies

Broadcast

Module 3: About Greenplum Query Processing

Understanding Query Planning and Dispatch

Understanding Greenplum Query Plans

Understanding Parallel Query Execution

Module 4: Access control and security

Managing Roles and Privileges

Security Best Practices for Roles and Privileges

Creating New Roles (Users)

Creating Groups (Role Membership)

Managing Object Privileges

Encrypting Data

Time-based Authentication

Required Permissions

How to Add Time-based Constraints

Module 5: Configuring Client Authentication

Allowing Connections to Greenplum Database

Limiting Concurrent Connections

Module 6: Accessing the Database

Establishing a Database Session

Supported Client Applications

Greenplum Database Client Applications

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Database Application Interfaces

Third-Party Client Tools

Troubleshooting Connection Problems

Module 7: Defining Database Objects

Creating and Managing Databases

Creating and Managing Tablespaces

Creating and Managing Schemas

Creating and Managing Tables

Choosing the Table Storage Model in Greenplum

Partitioning Large Tables

Creating and Using Sequences

Using Indexes in Greenplum Database

Creating and Managing Views

Module 8: Managing Data

About Concurrency & Isolation in GPDB

Inserting New Rows

Updating Existing Rows

Deleting Rows

Vacuuming the Database

QUERY PLAN

Module 9: Starting and Stopping Greenplum

Overview

Starting Greenplum Database

Stopping Greenplum Database

Module 10: Loading and Unloading Data

Greenplum data loading options

External tables:

Example of loading data with External Tables and gpfdist

gpload

Module 11: Backing Up and Restoring Databases

Overview of Backup and Restore Operations

Backing Up a Database

Restoring From Parallel Backup Files

pg_dump

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Module 12: Monitoring a Greenplum System

Monitoring System State

Viewing the Database Server Log Files

Module 13: Routine System Maintenance Tasks

Routine Vacuum and Analyze

Routine Reindexing

Managing Greenplum Database Log Files

Module 14: Common Causes of Performance Issues

Identifying Hardware and Segment Failures

Managing Workload

Maintaining Database Statistics

Optimizing Data Distribution

Optimizing Your Database Design

Module 15: Investigating a Performance Problem

Checking System State

Checking Database Activity

Troubleshooting Problem Queries

Investigating Error Messages

Our Bigdata Greenplum DBA Online Training batches start every week and we accommodate your flexible timings.