🚀 PostgreSQL DBA Realtime Training

📢 **New Batch Starts From:**
🗓 **September 5th, 2025 (Friday)**
🕐 **Time:** 6:00 AM – 7:00 AM IST

🔗 **Join Zoom for First 3 Days (FREE DEMO):**
Zoom Link: https://us02web.zoom.us/j/88095487436?pwd=ItUgbwNQ4l6qkGbGhmytwjyREENMAs.1
Meeting ID: 880 9548 7436
Passcode: 257875

🎯 **Why Join This Training?**
✅ 3 Days FREE – **Attend, Listen, and Decide**
✅ **Daily Recorded Videos, Notes & Sample Resume**
✅ **Interactive WhatsApp Group for Q&A & Discussion**
✅ **Basic to Advanced PostgreSQL Training**
✅ **Real-time Scenarios & Interview Preparation**

🗄 **Comprehensive Course Content**
📦 **PostgreSQL Foundations**

- PostgreSQL History
- Why PostgreSQL required over other databases
- PostgreSQL Introduction
- PostgreSQL Complete Architecture
- Linux Setup and Basics
- PostgreSQL Source Code Installation
- PostgreSQL Yum Installation
- PostgreSQL Major and Minor version upgrade
- PostgreSQL Patching
- Environment Variables Setup
- PostgreSQL Services Auto startup
- PostgreSQL Object Management and database connectivity
- PostgreSQL Audit Logging and Housekeeping
- Host Based Authentication
- PostgreSQL User Access Management
- PostgreSQL Metadata Tables
- PostgreSQL Physical Structure
- Table-space Management
- Data Export and Data Import
- Logical and Physical backups and Restore [20 to 25 scenarios]
- ->pg_dump
- ->pg_dumpall
- ->pg_restore
- ->pg_basebackup

🛠 **Backup, Restore & Recovery**
- Physical & Logical Backups:
  - pg_dump, pg_dumpall, pg_restore, pg_basebackup
- PITR (Point-in-Time Recovery)
- Incremental Backup (v17)
- Database Maintenance Activities

🔄 Replication & High Availability

- Warm Standby & Streaming Replication
  - Multi-standby (A←B,C), Cascading (A←B←C)
- Automatic Failover with Auto Failover Extension
- Failover, Switchover & Node Rejoining

🧰 Tools & Utilities

- **Pgbadger** (LOG ANALYZER TOOL)
- **Pgbouncer** (CONNECTION POOLING/ RESERVED CONNECTIONS)
- **Pgadmin** (Graphical interface to Access PostgreSQL Database)
- **Pgbench** (maximum what is our database capacity, how much load it can handle)

✳️ PostgreSQL Extensions

- pg_stat_statements (to track query execution statistics)
- pg_passwd (to make password more complex)
- dblink (for cross database connectivity)
- pg_buffercache (whether our getting data from cache or disk)
- pg_hypopg (without creating index, we can generate explain plan by assuming index is there)
- pg_autoexplain (explain plan will be recorded in the audit log automatically)

📓 Monitoring & Performance Tuning

- Tuning database level parameters
- Tuning the query
- Optimize database for loading
- Default parameters for tuning
- Mount points designing

🔃 Oracle to PostgreSQL Migration

☁️ AWS RDS PostgreSQL

- Instance Creation & Upgrades
- PITR Setup, Monitoring, Connectivity
- Parameter & Security Groups

🔍 Advanced Topics

- PostgreSQL Joins, Partitioning
- Inheritance (Child/Parent Tables)
- Row Level Security, MVCC
- Constraints Management

📞 Contact Us:

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🌐 **Website:** https://sahasraittech.com/

🎓 **Don't miss this opportunity to become a PostgreSQL Expert!**
✔️ Learn from real-time scenarios
✔️ Get job-ready with advanced concepts
✔️ Limited seats – Book your spot today!