

Infrastructure at your Service.

Oracle DB-Tuning Essentials

dbi InSite
Workshops



About me

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ORACLE

Certified Expert

Oracle Database 12c
Performance Management
and Tuning



DOAG 

Oracle DB-Tuning Essentials

Workshop Daily Schedule



08:30 – 09:00 : Welcome coffee
09:00 – 10:30 : Workshop part 1
10:30 – 10:45 : Pause
10:45 – 12:30 : Workshop part 2

12h30 – 13h30 : Lunch

13:30 – 15:00 : Workshop part 3
15:00 – 15:15 : Pause
15:15 – 17:00 : Workshop part 4

Who we are dbi services

Experts At Your Service

- > Over 50 specialists in IT infrastructure
- > Certified, experienced, passionate

Based In Switzerland

- > 100% self-financed Swiss company
- > Over CHF 8.4 mio. turnover

Leading In Infrastructure Services

- > More than 150 customers in CH, D, & F
- > Over 50 SLAs dbi FlexService contracted



Our products

Database Management Kit – for free

Making IT easy for DBAs

- > Platform independent, standardized scripts for Unix/Linux & Windows – absolutely free!
- > Numerous customers trust in DMK for a reliable & efficient database infrastructure
- > **Simple, safe, and speedy** way to carry out various DBA tasks:
 - > Setting up database environments
 - > Start/stop of database components
 - > Checking of relevant database settings
- > No time for maintenance & setup?
Profit from **DMK Support!**

www.dbi-services.com/DMK



Our products

dbi InSite Workshops

Expert insight from insiders

- > Your instructors are experienced and certified consultants
- > 2-4 day Workshop adjusted to your real needs
- > Organized on-site or externally
- > No theory: practical exercises, live demos, and case studies

Large portfolio

- > **Oracle Database:** NF 12c, DBA, B&R, Tuning, Data Guard, APEX
- > **MS SQLServer:** DBA, NF 2012, NF 2014, etc
- > **MS Sharepoint:** Administration
- > **Middleware:** WebLogic
- > **PostgreSQL:** DBA
- > **MySQL:** DBA
- > **Linux:** DBA

www.dbi-services.com/InSite



Oracle DB-Tuning Essentials

Goals of the workshop

Method

- > How to approach performance issues
- > How to focus on the root cause
- > How to match user perception of performance with system monitoring

Concepts

- > How the Oracle database interacts with the system
- > How the optimizer works
- > What are the different access paths to data

Tools

- > How to monitor performance
- > How to fix performance issues

Oracle DB-Tuning Essentials

Agenda

1. The DB server and the tuning environment
2. Objective, Tuning versus Troubleshooting
3. Cost Based Optimizer, Object statistics
4. Access paths I
5. Access paths II
6. Monitoring Performance I
7. Monitoring Performance II
8. Application setup

