

# Oracle Database 19c: New Features for Administrators

Course code: OR19cNF

Kurz představuje administrátorům databázového systému novinky verze Oracle 19c.

| Affiliate  | Duration | Course price | ITB |
|------------|----------|--------------|-----|
| Praha      | 2        | 40 900 Kč    | 30  |
| Brno       | 2        | 40 900 Kč    | 30  |
| Bratislava | 2        | 1 620 €      | 30  |

The prices are without VAT.

## Course terms

| Date | Duration | Course price | Type | Course language | Location |
|------|----------|--------------|------|-----------------|----------|
|------|----------|--------------|------|-----------------|----------|

The prices are without VAT.

### Osnova kurzu

#### Security Enhancements

- Database Vault
- Privilege Analysis

#### Availability Enhancements

- Recovery catalog with PDB
- Flashback and restore points
- Automatic Flashback Pn Physical Standby Databases

#### Performance Enhancements

- Memoptimized Rowstore
- Comparing SQL Execution Plans
- Hint Usage Reporting
- Supplemental Logging

#### Big Data and Warehousing Enhancements

- Automatic indexing
- Hybrid Partitioned Tables
- In-Memory External Tables

#### Diagnosability Enhancements

- SQL Test Case Builder
- SQL Diagnostic Advisor
- SQL Diagnostic and Repair
- Trace File Analyser
- Automatic Data Redaction

#### Sharding Enhancements

- Multi Table Family in System-Managed Sharding
- Support for Multiple PDB Shards in the Same CDB
- Generation of Unique Sequence Numbers Across Shards
- Support for Multi-Shard Query Coordinators on Shard Catalog Shards

#### GOPAS Praha

Kodaňská 1441/46  
101 00 Praha 10  
Tel.: +420 234 064 900-3  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Brno

Nové sady 996/25  
602 00 Brno  
Tel.: +420 542 422 111  
[info@gopas.cz](mailto:info@gopas.cz)

#### GOPAS Bratislava

Dr. Vladimíra Clementisa 10  
Bratislava, 821 02  
Tel.: +421 248 282 701-2  
[info@gopas.sk](mailto:info@gopas.sk)



Copyright © 2020 GOPAS, a.s.,  
All rights reserved