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Informix 12.10 Database Administration SPVC

CODE:	DURÉE:	PRIX H.T.:
2X223G	32 Hours	€1,200.00

Description

Contains: PDF course guide, as well as a lab environment where students can work through demonstrations and exercises at their own pace.

In this course, students will learn the basic concepts of data management with Informix 12.10. They will learn how to create, manage, and maintain tables and indexes; how the Informix Optimizer works; and how to use the SET EXPLAIN feature to determine query effectiveness.

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page, as well as the system requirements, to ensure that your system meets the minimum requirements for this course. http://www.ibm.com/training/terms

Objectifs

Please refer to course overview

Audience

The main audience for this course is Informix Database Administrators. It is also appropriate for Informix System Administrators and Informix Application Developers.

Prérequis

Students in this course should satisfy the following prerequisites:

- IX101 - Introduction to Informix terminology and data types (or equivalent experience or knowledge)
- Knowledge of Structured Query Language (SQL)
- Experience using basic Linux functionality

Programme

Unit 1 - Creating databases and tables
• Databases
• Tables
• DBSCHEMA, ONCHECK, and ONSTAT
• Sysmaster
Unit 2 - Altering and deleting databases and tables
• ALTER
• Data space reclamation
• Renaming
• Dropping
Unit 3 - Creating, altering, and dropping indexes
• Indexes
• Sysmaster
• Forest of trees
Unit 4 - Managing and maintaining indexes
• Benefits and costs
• Guidelines
• Calculating size
Unit 5 - Table and index partitioning

- Fragmentation
- Distribution schemes
- Sysmaster

Unit 6 - Maintaining table and index partitioning
- ALTER FRAGMENT

Unit 7 - Cost-based query optimizer
- Access plan
- Join methods
- EXPLAIN
- Scans

Unit 8 - Updating statistics and data distributions
- UPDATE STATISTICS
- Distribution information
- Process
- Updating statistics

Unit 9 - Managing the optimizer
- Optimization options
- Directives

Unit 10 - Referential and entity integrity
- Integrity
- Constraints

Unit 11 - Managing constraints
- Transaction modes
- Dropping a constraint

Unit 12 - Modes and violations detection
- Object modes
- Disabling an object
- Recording violations
- Sysmaster

Unit 13 - Concurrency control
- Isolation
- Locks
- Row versioning

Unit 14 - Data security
- Levels of data security
- Privileges
- Roles

Unit 15 - Views
- Working with views
- WITH CHECK OPTION
- Sysmaster

Unit 16 - Introduction to stored procedures
- Stored procedures
- Sysmaster

Unit 17 - Triggers
- Working with triggers
- Triggers and stored procedures
- Dropping a trigger
- Cursors and triggers
- Triggers and constraint checking
- Sysmaster
- Managing triggers

Appendix A - Terminology
- Terminology

Appendix B - Data types
- Data types

Appendix C - XML publishing
- XML publishing

Appendix D - Basic Text Search DataBlade Module
- BTS DataBlade Module

Appendix E - Node DataBlade Module
- Node DataBlade Module

Appendix F - Using Global Language Support
- Using GLS

Dates de session

Sur demande. Merci de nous contacter

**Informations
Complémentaires**

Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.