∧∩∪⊓∪∪ |

Enterprise Computing Solutions - Education Services

TRAINING OFFERING

You can reach us at:

Arrow Enterprise Computing Solutions Ltd, Part 1st Floor, Suite 1D/1, Central House, Otley Road, Harrogate, HG3 1UG

Email: educationteam.ecs.uk@arrow.com
Phone: 0870 251 1000

IBM Big SQL for Administrators (v5.0) SPVC

CODE:	LENGTH:	PRICE:
ZL1_2W664	8 Hours	£240.00

Description

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

This course is designed to introduce the student to some of the additional capabilities and the administration of IBM Big SQL. IBM Big SQL allows you to access your HDFS data by providing a logical view to it. You can use the same SQL that was developed for your data warehouse data on your HDFS data. This course covers Big SQL security using row and column access controls, impersonation, and data federation. The course also covers some of the best practices, performance tuning, and monitoring techniques, YARN integration and also includes an optional unit to explore a Big SQL installation.

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

Objectives

Please refer to course overview

Audience

• Administrators, Developers

Prerequisites

• Basic Linux knowledge
• Basic SQL knowledge
• Working knowledge with big data and Hadoop technologies

Programme

1: Managing the Big SQL Server
• Configure the Big SQL Server
• Configure the Big SQL Scheduler
• List the registries for compiler and runtime performance improvement
• Backup and restore Big SQL

2: Configuring Big SQL security
• Configure authentication for Big SQL
• Manage security with Apache Ranger
• Enable SSL encryption
• Configure authorization of Big SQL objects
• Configure impersonation with Big SQL

3: Data federation with Big SQL
• Configure wrappers, servers, user mappings and nicknames for data federation

4: Using statistical data to improve Big SQL performance
• Understand the Big SQL data access plan
• Use Big SQL statistics to improve query performance

5: Monitoring Big SQL
• Use the Big SQL query interface
• Monitor the performance of read and write access

6: Big SQL and YARN integration
• Configure Big SQL and YARN integration through Apache Slider

7: Troubleshooting Big SQL
• Troubleshoot common problems and understand the known resolutions

Exploring Big SQL installation (Optional)
• Explore Big SQL installation

Session Dates

On request. Please Contact Us

Additional Information

This training is also available as onsite training. Please contact us to find out more.