Guardium Data Protection Fundamentals

Duration: 3 Days **Course Code: 8G103G** **Delivery Method: Virtual Learning**

Overview:

Data security and privacy challengers are never-ending. IBM Guardium Data Protection (Guardium) provides a broad range of data security and protection capabilities that can protect sensitive and regulated data across environments and platforms. It discovers and classifies sensitive data from across an enterprise, providing real-time data activity monitoring and advanced user behavior analytics to help discover unusual data activity.
The course prepares the student to administer Guardium appliances, discover unusual data activity, locate vulnerable data, automate compliance processes, and monitor and protect sensitive data. To proact using Guardium, students complete hands-on lab exercises.
This course is based on Guardium Data Protection version 12.1.

Target Audience:

Database administrators, security administrators, security analysts, security technical architects, and professional services using Guardium Data Protection

Objectives:

- After this course participants should be able to:
- Identify the primary functions of Guardium Data Protection
- Describe key Guardium architecture components
- Navigate the Guardium user interface and use the command line interface
- Manage user access to Guardium
- Build and populate Guardium groups
- Use system settings and management tolls to manage, configure, and monitor Guardium resources
- Archive, backup, and restore Guardium data
- Discover sensitive data and perform vulnerability assessments
- Use Guardium audit process tools to streamline the compliance process
- Describe how to apply rule order, logic, and actions to Guardium policies
- Configure policy rules that process the information that is gathered from database and file servers
- Create Guardium queries and reports to examine trends and gather data
- Use Guardium alerts to monitor a data environment

Prerequisites:

Students should be knowledgeable about the following topics:

- Working knowledge of SQL queries for IBM Db2 and other databases
- Working knowledge of UNIX commands
- Ability to use UNIX text editor such as vi
- Data protection standards such as HIPAA, PCI, and GDPR

Content:

Unit 1: Guardium overview

Unit 2: Guardium architecture

Unit 3: Guardium user interfaces

Unit 4: Access management

Unit 5: Guardium groups

Unit 6: System management

Unit 7: Data management

Unit 8: Guardium discovery ; vulnerability assessment

Unit 9: Audit process automation

Unit 10: Policy design

Unit 11: Policy configuration

Unit 12: Guardium reporting

Unit 13: Guardium alerts

Additional Information:

Official course book provided to participants

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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