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Final Quiz

(ii) Quiz: Graded Quiz: Final Quiz
25 questions
Course Wrap Up Graded Quiz: Final Quiz Submit your assignment 1. In which phase of the database lifecycle does the database administrator work on logical and physical design? 1/1 point Due Jul 9, 11:59 PM EDT Attempts 3 every 24 hours Implementation Receive grade
To Pass 80% or higher Monitor and maintain Requirements analysis Design and plan 🖒 Like 🖓 Dislike 🏻 🖯 Report an issue Correct
 In the design and plan stage, database administrators work on logical and physical design. Which of the following statements is correct about modifying the configuration of a cloud-based relational database? You can safely discard the configuration files after modifying them. You need to modify the configuration files directly. You can modify the configuration while the service is running. 4. A storage group is a grouping of storage paths or containers based on which of the following? 0/1 point Name Capacity Incorrect
 Refer to the Database Storage video. 5. Which of the following key considerations is perhaps the most important? Backup scheduling

Validate backups

Secure back up files 6. Transaction logs typically have which of the following characteristics? Binary format O Plain text O No encryption O Human readable Correct
Many types of logs, such as diagnostic and error logs, are mostly in text format and are human readable.
However, transaction logs are typically in binary formats that are sometimes encrypted and require specialized tools to format and display contents. 7. What happens if you store backup data outside the RDBMS? Must secure backup copy O Difficult to access • Correct
You should use notifications to inform you of an issue that is important but does not require your immediate attention such as failed login attempts. 9. Which security method verifies that users are who they say they are? 10. Which of these is NOT a decision you must make about implementing a backup plan? Encryption
 Who will be responsible for the plan 11. The principle of least privilege should be followed for all users, groups, and roles. Which of the following describe this principle? Fewer, granular groups and roles Groups and roles with same privileges InnoDB ○ MyISAM Correct
 InnoDB is suitable for most data storage needs and is MySQL's default storage engine.
 14. Which of the following is a method you can use to audit database activity? 15. Which type of encryption uses a public and a private key? Symmetric encryption Full disk encryption 16. What effect does encryption and decryption have on your database? Increased longevity O Decreased stability Correct
Because of the time and effort that it takes the algorithm to process the data, any type of encryption and decryption will decrease the performance of your database. User Relay log C Error log 19. Which tool can you use to monitor your database in real-time? Event monitors 20. Database automation works best with which types of administrative tasks? Time-consuming and repetitive tasks Quick and varied tasks Time-consuming and varied tasks Non-unique, nullable, non-clustered Unique, non-nullable, clustered Unique, nullable, clustered Non-unique, non-nullable, clustered 23. Server configuration issues can severely effect performance and operations. Which of the following issues can require software patches? Oisk fragmentation Improper storage configuration Out of disk space Bugs in OS or RDBMS Error log ○ Trace log Secure movement Efficiency of file transfer Protection from malicious access Correct
Update cybersecurity software and scanning lists frequently. You should also educate users about phishing and other ways that they can unwittingly enable malicious access. Accurate access Correct
 Great, you got all the right answers.

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