

Tutorial 7

Aims

- To discuss the different database protection needs
- To exemplify some database protection methods

Questions

Short question

How often do you back up your data?

1. Database integrity has two main aspects: schema integrity and data accuracy/integrity. What are the differences between the two?
2. What is the difference between direct data access, direct inference and indirect inference? Illustrate it on examples not related to computing.
3. What are the major issues with data aggregation?
4. Consider database integrity and access control requirements.
 - (a) How are they interlinked and where do they differ?
 - (b) Are there any mechanisms that can address both? If yes, what are they, if no, why aren't there any?
 - (c) What methods are available for multilevel security?