Confiabilidade de Sistemas Distribuídos
Dependable Distributed Systems

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Goal

- Extend the system developed in the project to support storing data of the following types:
  - Encrypted integer supporting sum operations over encrypted data. Variables of this data type must support, at least, the following operations:
    - create(key, initial_value, "HOMO_ADD")
    - get(key)
    - sum(key, val)

Goal (2)

– Encrypted integer supporting comparison operations over encrypted data. Variables of this data type must support, at least, the following operations:

- create(key, initial_value, "HOMO_OPE_INT")
- get(key)
- get(lower_value, higher_value)
  - Returns the keys with value between lower_value and higher_value
- set(key, value)

Software

- Use the library HLIB2 (available in CLIP) for implementing the given functionality.