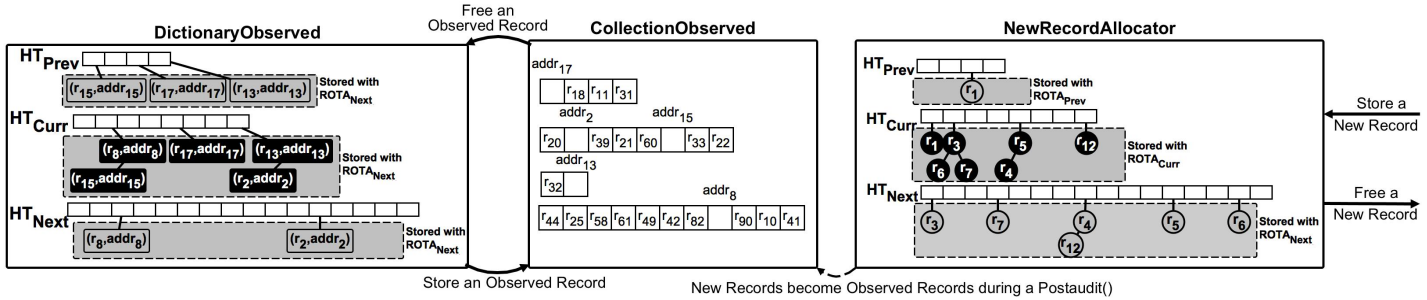
Privacy-Preserving Distributed Storage and Computation



Challenge:

- Privacy-preserving distributed storage and computation in cloud computing settings

Solution:

- Auditable Data Structures
- ZK Verifiable Data Structures
- History Independent Hash Tables
- Graph Watermarking

Scientific Impact:

- We introduced new models for privacy-preserving computations and data structures
- We introduced new algorithms and data structures

Broader Impact:

- Highlighted privacy as a solvable technical problem
- Involved members of under-represented minorities
- Integrated undergraduate researchers in the project

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