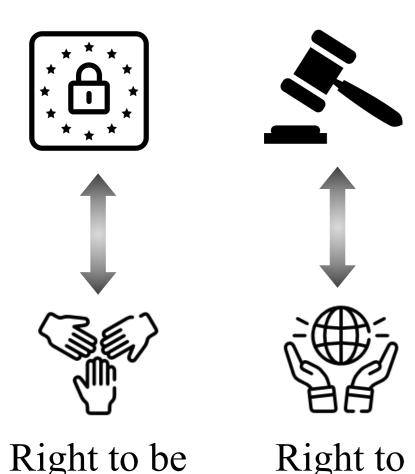
Policy layer

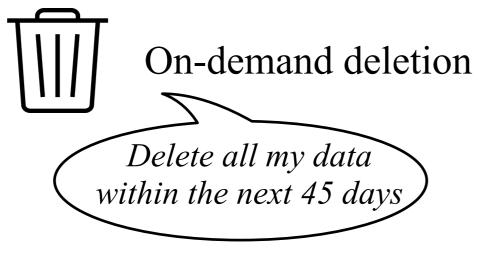


forgotten delete

[GDPR, CCPA, VCPDA]

Requirements layer





[Sarkar and Athanassoulis, EDBT '22]

[Shastri et al., HotCloud '19] [Shastri et al., Comm. ACM '21]

Application layer

CREATE TABLE R (column1 type1,
 column2 type2, ...)
WITH RET_DUR FIXED {t1 45, t2 60};

INSERT INTO S (val1, val2, ...)
WITH RET_DUR t2;

CREATE TABLE T (column1 type1,
 column2 type2, ...)
WITH DPT FIXED {d1 180, d2 365};

DELETE FROM T
WHERE column1 = val1
WITH DPT d1;

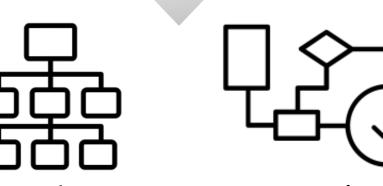
[Sarkar and Athanassoulis, EDBT '22]

System layer

workload performance privacy







Data layout Re-organization algorithms

[Sarkar et al., SIGMOD '20]

[Cohn-Gordon et al., USENIX Security Symp. '20]