

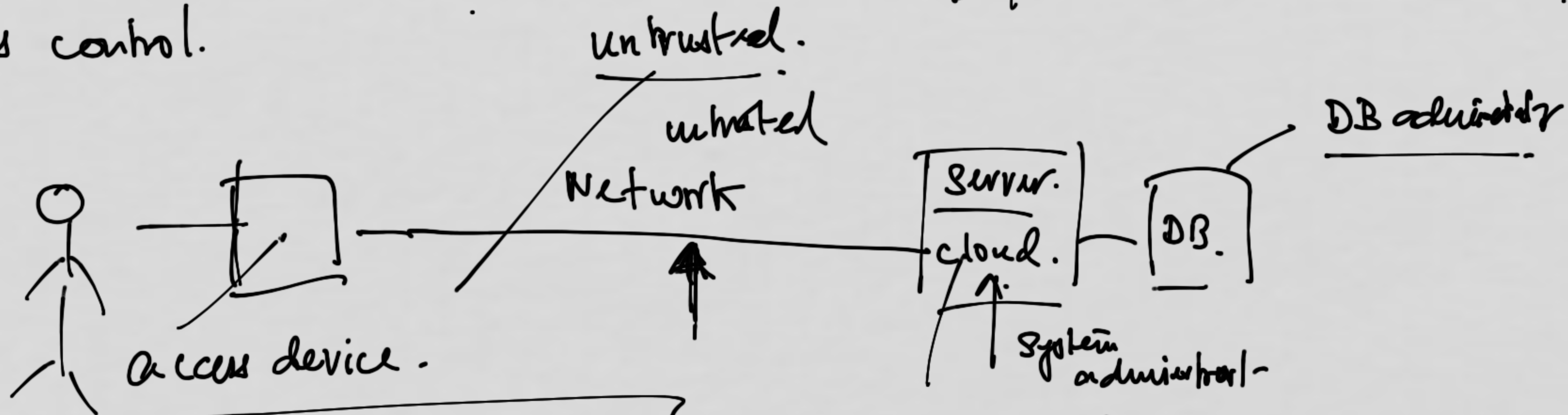
COL865 Necessary and sufficient conditions for privacy protection.

① Data minimization. ———— anonymisation.
transactional minimization

② Purpose limitation. ———— collection limitation
direct purpose violation, access control,
extension of purpose (function creep)

③ Consent architecture
inference privacy violation ||
AI/ML

④ Access control.



⑤ Regulatory oversight and obligations for enforcement

$$n = 1.2 \times 10^9$$

UIDAI claim deduplication.



n.

$$1 + 2 + 3$$

$$+ n = \frac{n(n+1)}{2}$$

$$\frac{1.44 \times 10^{18}}{2}$$

$$\approx 7.2 \times 10^{17}$$

$$10^{-9} \text{ sec.}$$

$$10^8 \text{ secs.}$$

$$100 \text{ years.}$$

$$60 \times 60 \times 24 \times 365 \approx 10^6$$

$$10^4 \text{ yr}$$