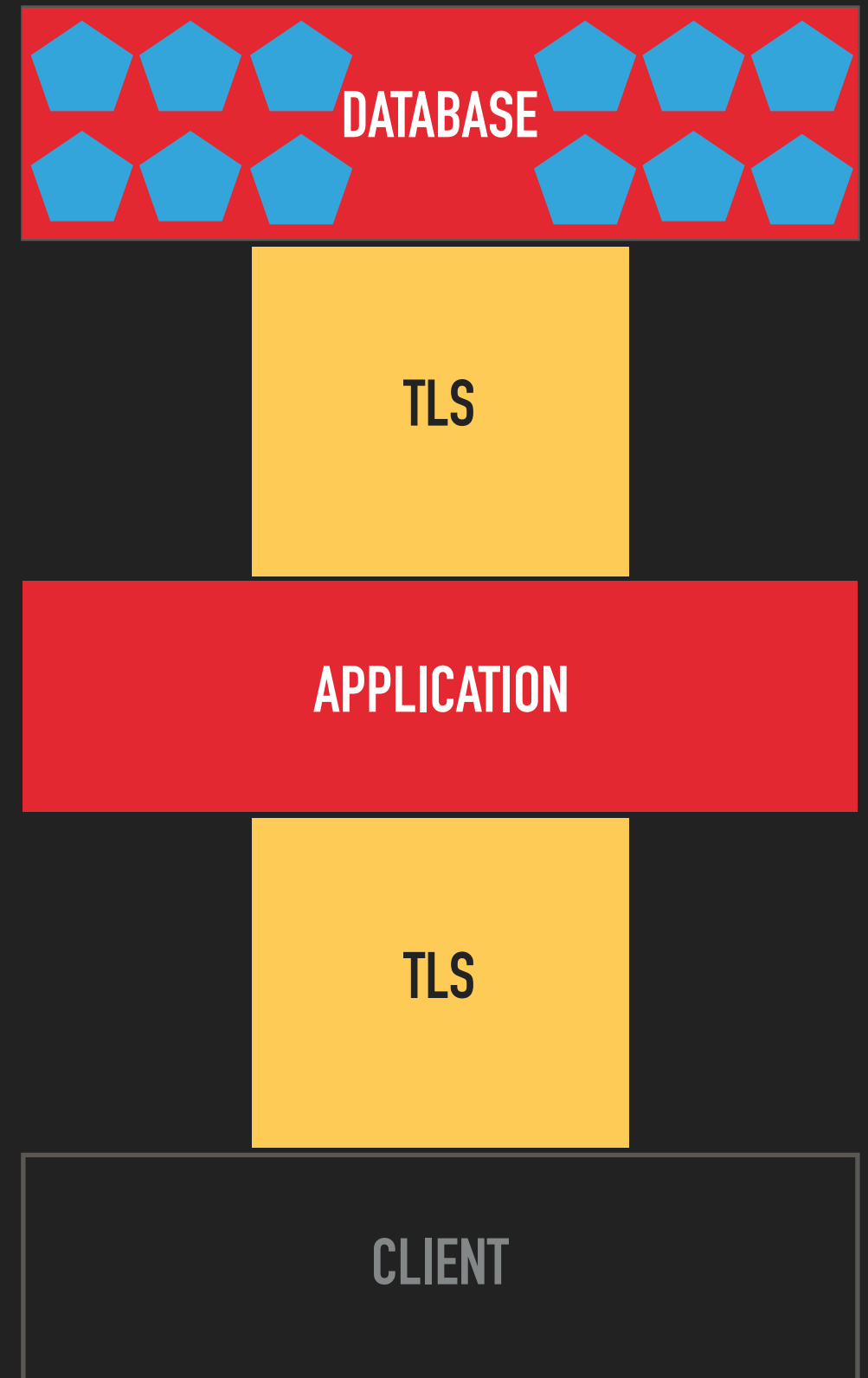


WHAT ABOUT TLS?

- ▶ Data is at rest for ~99.99998% of the time (*)
- ▶ Also: Heartbleed, POODLE, DROWN, Lucky13, Logjam, FREAK, ...
- ▶ Also: Backups!

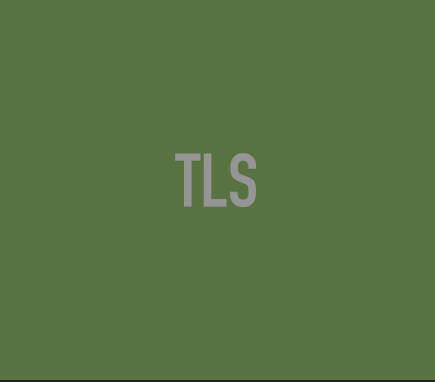
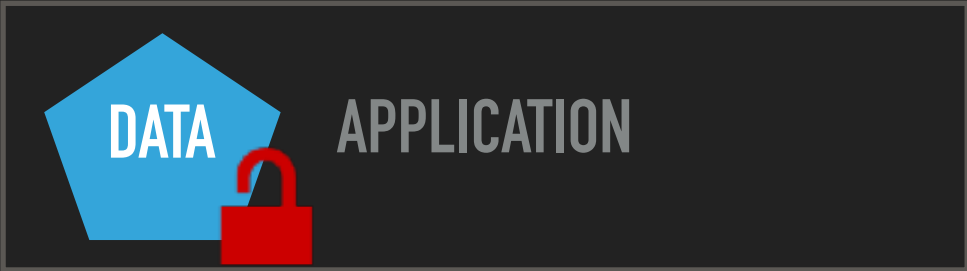
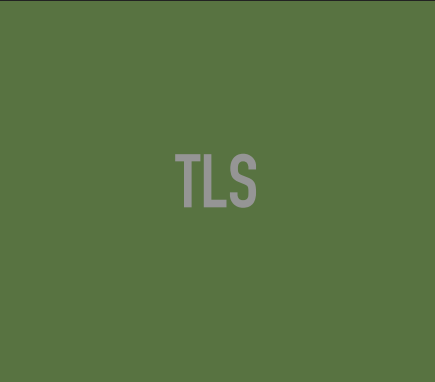
WHAT IS CONTENT ENCRYPTION?

- ▶ Encrypt** data 'itself'
- ▶ E.g. encrypted** data at rest
- ▶ Even: Protected** data while working with it



(*) 10s transit / 2 years storage

(**) Cryptographically protected - details later!



VS.

