

Application Layer

Get data from application

Application Data

SSL_write()

Fragment

Data Block 1

Data Block 2 ...

Compress (optional)

Compressed Data

Add MAC and padding

Compressed Data | MAC | Padding

Encrypt

Encrypted Data

Add TLS header

TLS Header | Encrypted Data

write()

Transport Layer (TCP Stream)

TLS Header | Encrypted Data | TLS Header | Encrypted Data ...

