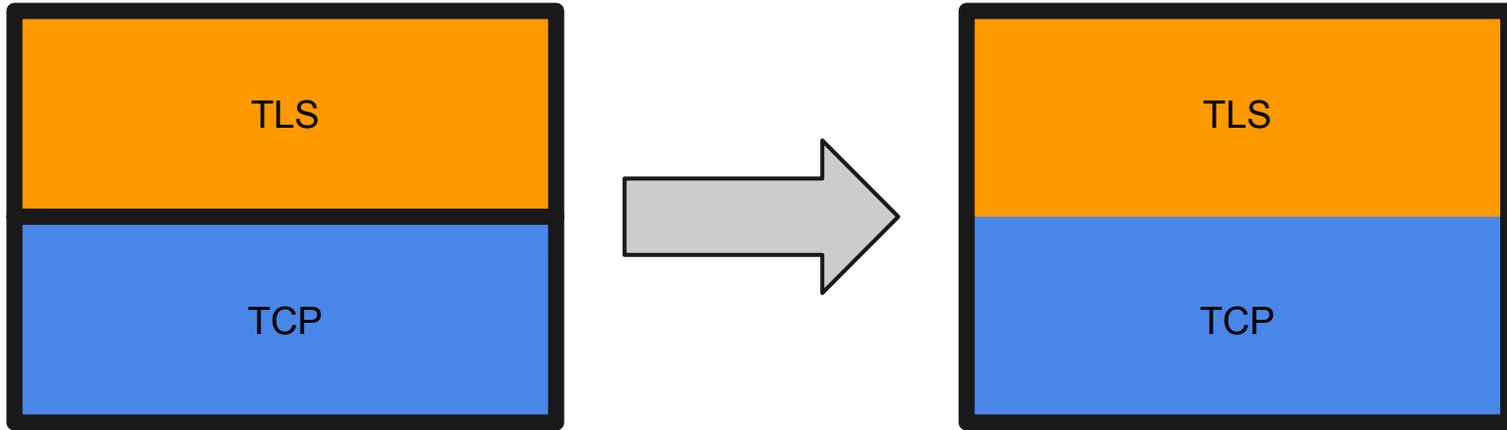


Securing TCP

Opportunistically

Neat layering is for chumps

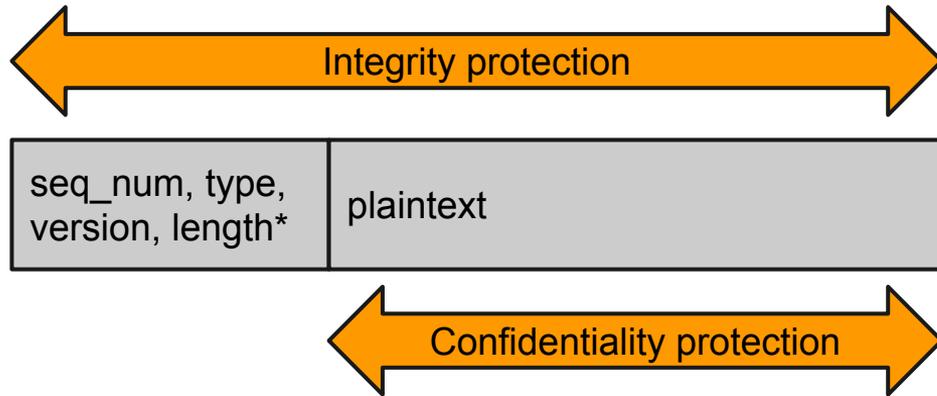


Innovation

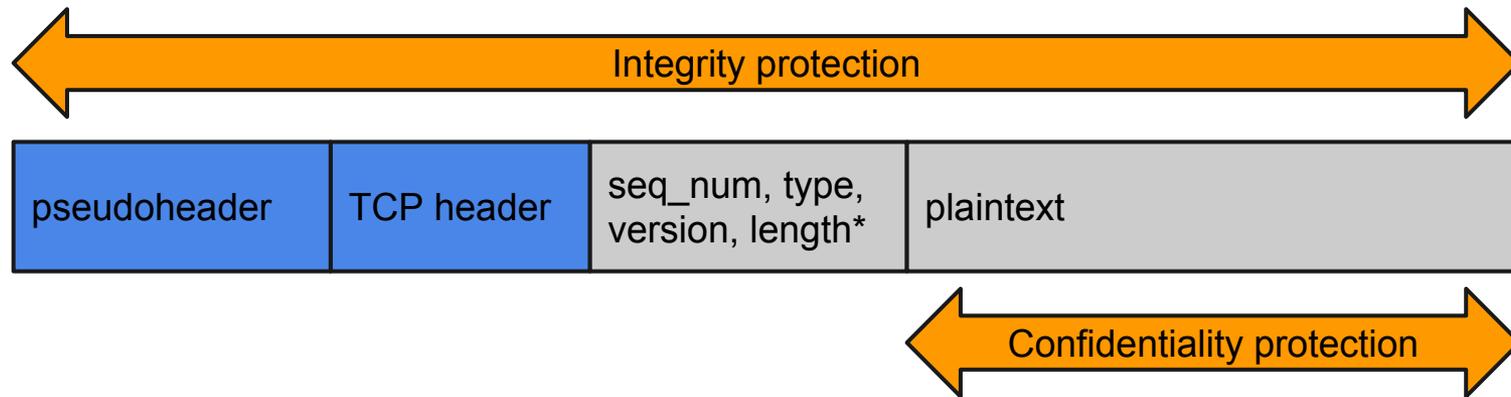
Innovation in security protocols is hard

Don't do that

AEAD in TLS



AEAD in TCP



What about the 'D'?

The draft uses DTLS

That is largely unnecessary

Something like Minion's COBS would be needed to make this a meaningful choice

What to protect

This matters a lot

I've chosen to avoid protection of ACK

Addressing is optionally protected

All options are optionally protected

Profiling TLS

Not doing this would be nuts

You don't want TLS baggage

I didn't do this

Good argument-fodder

...go

[draft-thomson-tcpinc-dtls-00](#)