TLS Record Size Limit

draft-thomson-tls-record-limit
IETF 99, Prague

What

max_fragment_length (RFC 6066) is inadequate

- only the client can choose sizes
- limited set of values that can't be extended
- a client with no limit can't use it without also limiting the record size, which can be a performance burden

So

- deprecate max_fragment_length
- define an alternative

record_size_limit

```
uint16 RecordSizeLimit;
```

Not a negotiation:

- each endpoint sets their limits
- each endpoint respects the limits of their peer

Governs encrypted records only

Plenty of discussion on -00, not yet published as -01