UNOmaha CSCI 3550
Communication Networks F20
Lecture 27 Page / / (

TLS -> Transport Layer Security

1. Exchange a Symmetric "one time pad"

2. They are talking to who they think

they are talking to

3. No one was a eaves dropping on

our key exchange.

- SSL & TLS even though people still

Call TLS SSL.

- Mid 905 Netscape

SSL 1.0 -> So Flowed never released

SSL 20 -> Released even thoughit was Flawed

SSL 3.0 -> Set the standard, but still flowed

(1996)

TLS 1.0 -> fixed SSL 3.0 Flaws

(1999)

TLS 1.3 -> TLS 1.0 is now deprecated

C2018)

The sever said it could only do SSL 3.0 the browser downgraded without a warning.

The server, TLS 1.0 but I only do server SSL 3.00

