

AP

Client

Sender

$K_s^+$

$K_s^-$

cert

"M"

$K(M)$

cert pls

cert

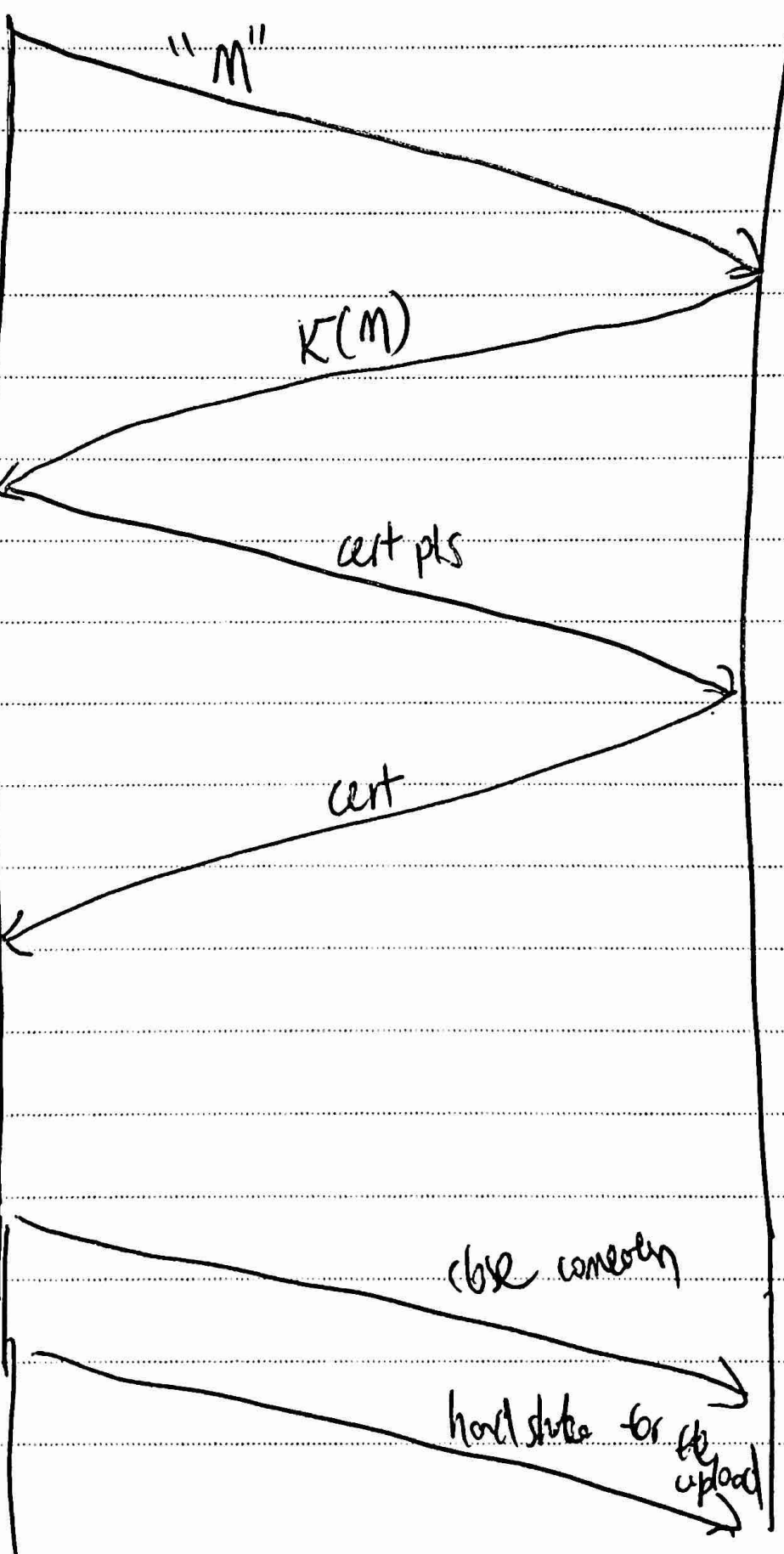
decrypt cert  
get  $K_s^+$ ,  
 $K_s^-(K_s(M))$   
== M.

if failed

if pass

close connection

hard disk for file upload



CP1  
client

server  $K_S^+$   
 $K_S^-$   
cert

