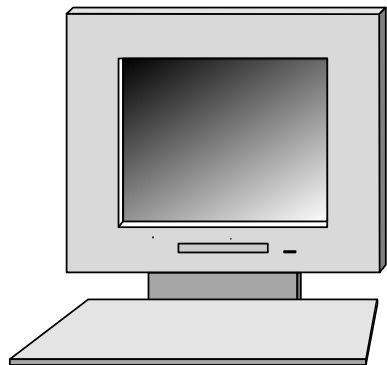
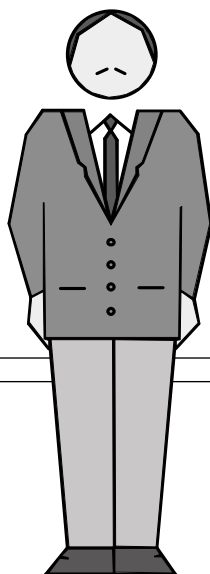


Client

Server



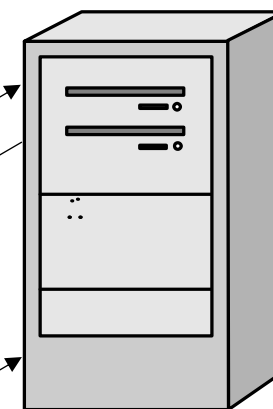
(a)



CRT: $\sigma = g^s$

CKE: $\chi = g^c$

CH,SH,CRT,
SHD,CKE,
CCS,FIN_C,
CCS,FIN_S,
C₁,C₂,C₃,...

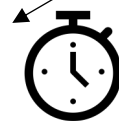
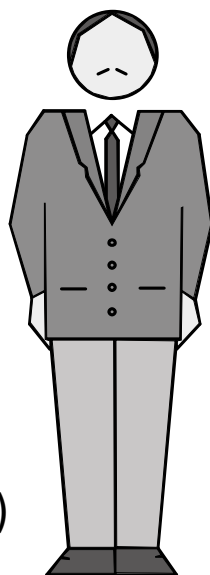


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CKE': $g^r \chi$

CKE'': $g^{r'} \chi$

(b)



Attacker