

Ensuring confidentiality with encryption









Er("request"debit=50")



Er("respose]950")

E, D, K

tkS3bffBpdJvr96+mpLlAp0=





tkS3b/LLuNVX1oLpw==

$$D_k('tks3bfffBp.\dots')$$



$D_k("tks3b/Iu.u.u.")$

Ensuring confidentiality with encryption



$E_k(["request"]debit=50)$

tkS3bffBpdJvr96+mpLIAp0=

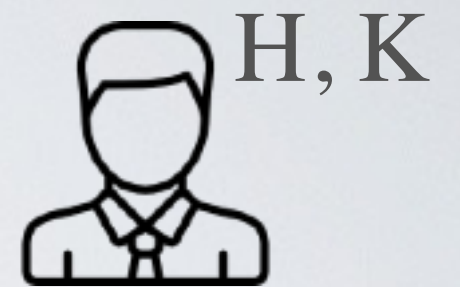
$D_k("tkS3bffBp...")$

$E_k(["response"]950)$

tkS3b/LLuNVX1oLpww==

$D_k("tkS3b/LLu...")$

Ensuring integrity with an HMAC



$H_k(["request"]debit=50)$

