

decrypt text:

⑤

msg →  
cmd →  
← resp  
← msg'

$$(msg', resp) = f(msg, cmd)$$

msg = cyphertext (app/octet-str)

cmd = {  
  usekey: foo#  
  passphrase: pablo  
  content-type: img/jpeg  
  other stuff we did not think of.  
}

msg' = cleartext (if successful)

resp = {  
  status: good  
  verify: true  
  usermsg: "hi my name is pablo  
  I am your crypto engine for today"