

$$\text{Exp}_{\text{ENC}}^{\text{kr-1cpa}}(\mathbb{A})$$

once

$$k^* \leftarrow_s \text{Kg}$$

$$c \leftarrow \text{Enc}_{k^*}(m)$$

m

c

\mathbb{A}

\hat{k}

$$\text{Adv}_{\text{ENC}}^{\text{kr-1cpa}}(\mathbb{A}) = \Pr[k^* = \hat{k}]$$