

$$\text{Exp}_{\text{ENC}}^{\text{weak-ow-cca}}(\mathbb{A})$$

$$K \leftarrow_{\$} \text{Kg}$$

$$M \leftarrow \text{Dec}_K^N(C)$$

once only:

$$N^* \leftarrow_{\$} \mathcal{N}$$

$$M^* \leftarrow_{\$} \mathcal{M}$$

$$C^* \leftarrow \text{Enc}_K^{N^*}(M^*)$$

$N^*, C^*$

$\mathbb{A}$

$N, C$  (upward arrow)  
 $M$  (downward arrow)

$\hat{M}$

$$\text{Adv}_{\text{ENC}}^{\text{weak-ow-cca}}(\mathbb{A}) = \Pr [M^* = \hat{M}]$$