

ALICE:

BOB:

what file to display?

$C := \text{Enc}(K, \text{display}, \text{family-recipes.txt})$

$\text{Dec}(K, \text{display}, C) \neq \text{err} \checkmark$
display family-recipes.txt

...

(later)

...

ADVERSARY:

what file to delete?

same C as above

$\text{Dec}(K, \text{delete}, C) = \text{err} !!$
error!