
Algorithm 1: KDF overview

Data: K, M

Result: K'

$counter \leftarrow 1$

while *output a key* **do**

$i \leftarrow \text{random}() \bmod 16$

$K \leftarrow M \times K$

if $M[i] = counter$ **then**

 | swap($M[i]$, $M[counter]$)

end

$M \leftarrow M^2$

$counter \leftarrow (counter + 1) \bmod 16$

 output : K

end
