

IKEv2 Signature

IKEv1 PKE

Responder A

Attacker

Responder B

$m_1$

$m_2$

compute  $k_d, k_{al}, k_{aR}, k_{el}, k_{eR}, k_{pl}, k_{pR}$   
compute  $MAC_I = PRF(k_{pl}, ID_B)$   
encode  $h = hash(c_I, 0, m_1, n_R, MAC_I)$

A  
waits

Bleichenbacher

forge signature  $\sigma_B$

$m_3 = Enc(..., \sigma_B)$

$m_4$

Attacker impersonates B

