

Problems considered: 3

Attacks Found

None

Further Notes

$\wedge \text{Snd}(A, \{\text{exp}(G, X')\}_{\text{Kab}})$

2. State = 1 $\wedge \text{Rcv}(\{GY'\}_{\text{Kab}}, H(H(A, B, \text{exp}(G, X), GY', \text{exp}(GY', X)), \text{one})) = |>$
State' := 2 $\wedge \text{MK_A}' := A, B, \text{exp}(G, X), GY', \text{exp}(GY', X)$
 $\wedge \text{MK_B}' := \text{MK_A}'$
 $\wedge \text{Snd}(H(H(\text{MK_A}'), \text{two}))$
 $\wedge \text{secret}(\text{MK_A}', \text{sec_i_MK_A}, \{A, B\})$
 $\wedge \text{request}(A, B, \text{mk_a}, \text{MK_A}')$
 $\wedge \text{witness}(A, B, \text{mk_b}, \text{MK_B}')$
