Abbreviations
$\sim M_1 = nonce_4$
\sim M_2 = rpid_5
\sim M_3 = senc(Auth1(username_4,rpid_5,skA_2),wk_2)
\sim M_4 = dhexp(g,dh_spairRP_2)

 \sim M_5 = sign(RP1(nonce_4,rpid_5,senc(Auth1(username_4,rpid_5,skA_2),wk_2),dhexp(g,dh_spairRP_2)),sskey_RP_3) \sim X_1 = (hash(Client1(rpid_5,nonce_4)),HMAC(pinAuth_3,

A trace has been found.

