Abbreviations \sim M_79709 = non_confirmable \sim M 79710 = CoAP POSTCode ~M 79711 = messageid 79235 \sim M 79712 = token 79228 \sim M_79715 = partial_iv_79232 \sim M 79716 = IDri 79229 \sim M 79717 = idcontext 79231 ~M_79714 = aeadEncrypt(HKDF(msecret_79233,msalt_79234, (IDri_79229,idcontext_79231,AES_CCM,label_key, alg_key_length(AES_CCM,label_key))),aeadNonce(IDri 79229, partial iv 79232, HKDF (msecret_79233, msalt_79234,(emptyId,idcontext_79231,AES_CCM,label_iv, alg key length(AES CCM,label iv)))),((CoAP GETCode, isLightBulbTurnedOn),msg1(a_79217,a_79216)),(encrypt0, oscore_version_one,AES_CCM,IDri_79229,partial_iv_79232)) $\sim X_1 = (a_79226, a_79225, a_79224, a_79223, (\sim M_79715, \sim M_79517, a_79517)$ ~M 79518),~M 79714) = (a 79226,a 79225,a 79224, a_79223,(partial_iv_79232,IDri_79229,idcontext_79231), aeadEncrypt(HKDF(msecret_79233,msalt_79234,(IDri_79229, idcontext_79231,AES_CCM,label_key,alg_key_length(AES_CCM,label_key))),aeadNonce(IDri_79229,partial_iv_79232, HKDF(msecret 79233,msalt 79234,(emptyId,idcontext 79231, AES_CCM,label_iv,alg_key_length(AES_CCM,label_iv)))), ((CoAP GETCode,isLightBulbTurnedOn),msg1(a 79217, a 79216)),(encrypt0,oscore version one,AES CCM, IDri 79229,partial iv 79232)))

A trace has been found.

~M_79952 = non_confirmable ~M_79953 = CoAP_CHANGEDCode ~M_79954 = responseId_79278 ~M_79955 = a 79223

 \sim M 79956 = empty

~M_79957 = aeadEncrypt(HKDF(msecret_79233,msalt_79234, (IDir_79230,idcontext_79231,AES_CCM,label_key, alg_key_length(AES_CCM,label_key))),aeadNonce(IDri_79229,partial_iv_79232,HKDF(msecret_79233, msalt_79234,(emptyId,idcontext_79231,AES_CCM,label_iv, alg_key_length(AES_CCM,label_iv)))),((CoAP_CONTENTCode, bounded_by((CoAP_GETCode,isLightBulbTurnedOn))), msg2(a_79216,a_79217)),(encrypt0,oscore_version_one, AES_CCM,IDri_79229,partial_iv_79232))

 \sim X_2 = (\sim M_79712,a_79220,a_79221,a_79222,empty, \sim M_79957)

