Abbreviations
~M_112298 = non_confirmable
~M_112299 = CoAP_POSTCode
~M_112300 = messageid_111160
~M_112301 = token_111161
~M_112304 = partial_iv_111159
~M_112305 = IDir_111155
~M_112306 = idcontext_111158
~M_112303 = aeadEncrypt(HKDF(msecret_111156,msalt_111157, (IDir_111155,idcontext_111158,AES_CCM,label_key, alg_key_length(AES_CCM,label_key))),aeadNonce(IDir_111155,partial_iv_111159,HKDF(msecret_111156, msalt_111157,(emptyId,idcontext_111158,AES_CCM, label_iv,alg_key_length(AES_CCM,label_iv)))),((CoAP_GETCode,isLightBulbTurnedOn),msg1(a_111146, a_111147)),(encrypt0,oscore_version_one,AES_CCM, IDir_111155,partial_iv_111159))
~X_1 = (a_111149,a_111150,a_111151,a_111152,(~M_112304, ~M_112099,~M_112101),~M_112303) = (a_111149,a_111150, a_111151,a_111152,(partial_iv_111159,IDir_111155, idcontext_111158),aeadEncrypt(HKDF(msecret_111156, msalt_111157,(IDir_111155,idcontext_111158,AES_CCM, label_key,alg_key_length(AES_CCM,label_key))), aeadNonce(IDir_111155,partial_iv_111159,HKDF(msecret_111156, msalt_111157,(emptyId,idcontext_111158,AES_CCM, label_iv,alg_key_length(AES_CCM,label_iv)))),((CoAP_GETCode,isLightBulbTurnedOn),msg1(a_111146, a_111147)),(encrypt0,oscore_version_one,AES_CCM, IDir_111155,partial_iv_111159)))
~X_2 = (a_111149,a_111150,a_111151,a_111152,(~M_112304, ~M_112099,~M_112101),~M_112303) = (a_111149,a_111150, a_111151,a_111152,(partial_iv_111159,IDir_111155, idcontext_111158),aeadEncrypt(HKDF(msecret_111156, msalt_111157,(IDir_111155,idcontext_111158,AES_CCM, label_key,alg_key_length(AES_CCM,label_key))), aeadNonce(IDir_111155,partial_iv_111159,HKDF(msecret_111156, msalt_111157,(emptyId,idcontext_111158,AES_CCM, label_iv,alg_key_length(AES_CCM,label_iv)))),((CoAP_GETCode,isLightBulbTurnedOn),msg1(a_111146, a_111147)),(encrypt0,oscore_version_one,AES_CCM, IDir_111155,partial_iv_111159)))
~M_113582 = non_confirmable
~M_113583 = CoAP_CHANGEDCode
~M_113584 = responseId_113569
~M_113585 = a_111152
~M_113586 = empty
~M_113587 = aeadEncrypt(HKDF(msecret_111156,msalt_111157, (IDri_111154,idcontext_111158,AES_CCM,label_key, alg_key_length(AES_CCM,label_key))),aeadNonce(IDir_111155,partial_iv_111159,HKDF(msecret_111156, msalt_111157,(emptyId,idcontext_111158,AES_CCM, label_iv,alg_key_length(AES_CCM,label_iv)))),((CoAP_CONTENTCode,bounded_by((CoAP_GETCode,isLightBulbTurnedOn))), msg2(a_111147,a_111146)),(encrypt0,oscore_version_one, AES_CCM,IDir_111155,partial_iv_111159))

A trace has been found.