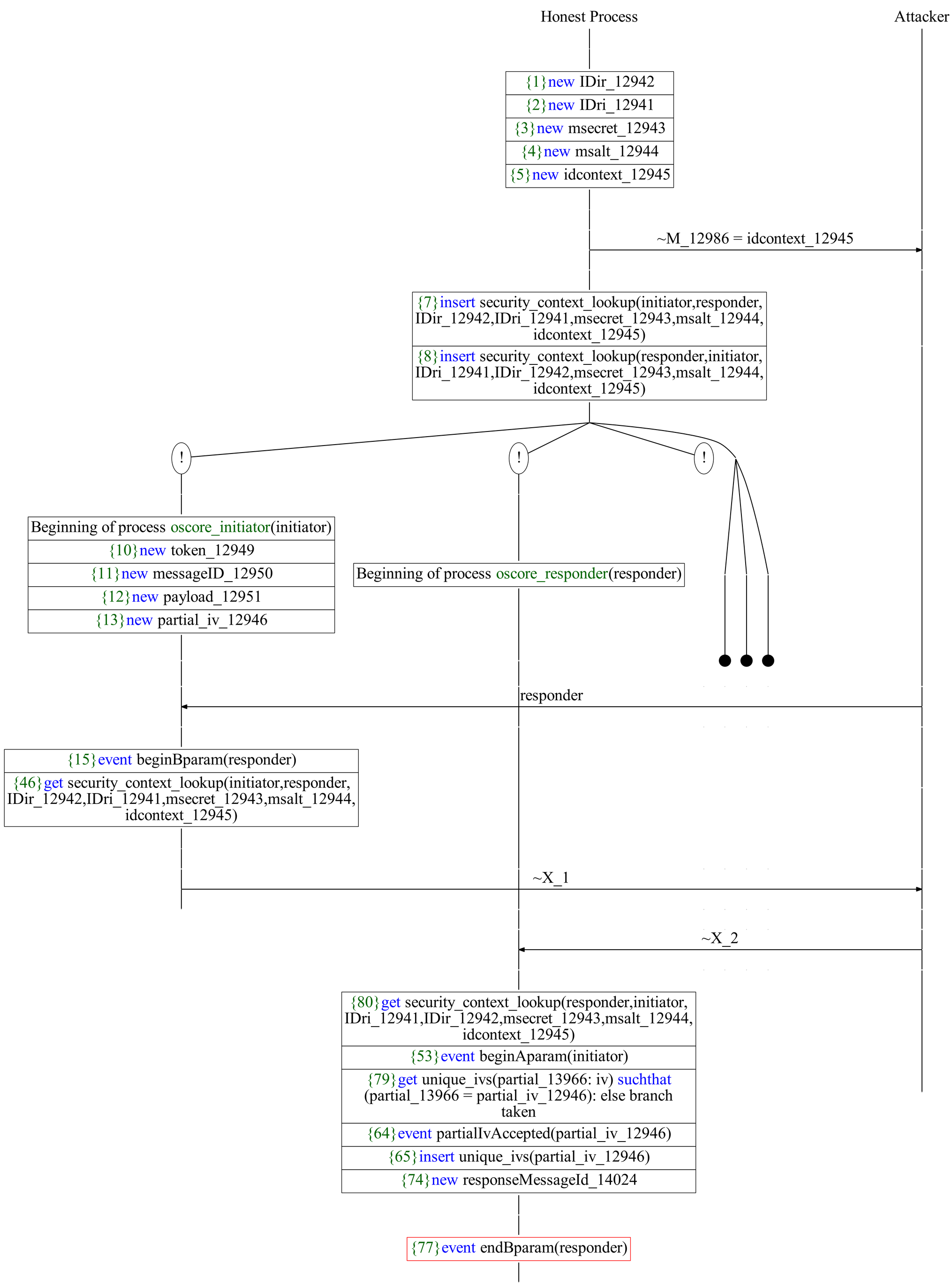
A trace has been found.

Abbreviations
~X_1 = Request(Header(~M_13611,~M_13612,~M_13613,~M_13614, ~M_13615),~M_13604,CoAP_Option_OSCORE(~M_13608, ~M_13609,~M_13610),payload_from_ciphertext(~M_13607)) = Request(Header(CoAP_versionOne,CoAP_nonConfirm, CoAP_tokenLength(token_12949),CoAP_GETCode,messageID_12950), token_12949,CoAP_Option_OSCORE(partial_iv_12946, IDir_12942,idcontext_12945),payload_from_ciphertext(enc_COSE_ciphertext(toKey(HKDF(msecret_12943,msalt_12944, info(IDir_12942,idcontext_12945,default_aead_algorithm, label_key),alg_key_length(default_aead_algorithm, label_key))),aead_nonce(IDir_12942,toIV(HKDF(msecret_12943, msalt_12944,info(emptyId,idcontext_12945,default_aead_algorithm, label_iv),alg_key_length(default_aead_algorithm, label_iv))),partial_iv_12946),(CoAP_POSTCode,payload_12951), AAD(encrypt0_context,encrypt0(oscore_version_one, default_aead_algorithm,IDir_12942,partial_iv_12946)))))
~X_2 = Request(Header(a_12934,a_12935,a_12936,a_12937, a_12938),a_12939,CoAP_Option_OSCORE(~M_13608,~M_13609, ~M_12986),payload_from_ciphertext(~M_13607)) = Request(Header(a_12934,a_12935,a_12936,a_12937, a_12938),a_12939,CoAP_Option_OSCORE(partial_iv_12946, IDir_12942,idcontext_12945),payload_from_ciphertext(enc_COSE_ciphertext(toKey(HKDF(msecret_12943,msalt_12944, info(IDir_12942,idcontext_12945,default_aead_algorithm, label_key),alg_key_length(default_aead_algorithm, label_key))),aead_nonce(IDir_12942,toIV(HKDF(msecret_12943, msalt_12944,info(emptyId,idcontext_12945,default_aead_algorithm, label_iv),alg_key_length(default_aead_algorithm, label_iv))),partial_iv_12946),(CoAP_POSTCode,payload_12951), AAD(encrypt0_context,encrypt0(oscore_version_one, default_aead_algorithm,IDir_12942,partial_iv_12946)))))