A trace has been found.

 $\sim X_1 = \text{Request(Header(}\sim M_8045, \sim M_8046, \sim M_8047, \sim M_8048,$ ~M 8049),~M 8038,CoAP Option OSCORE Option context(

Abbreviations

~M 8042,~M 8043,~M 8044),payload from ciphertext(~M 8041))

= Request(Header(CoAP versionOne,CoAP nonConfirm, CoAP tokenLength(token 7504), CoAP GETCode, messageID 7505), token_7504,CoAP_Option_OSCORE Option context(partial iv 7501, IDir_7498,idcontext_7500),payload from ciphertext(enc_COSE_ciphertext(derive_key_context(MasterSecret_7499, IDir 7498, default aead algorithm, idcontext 7500), aead nonce(IDir 7498, derive common iv context(

MasterSecret 7499,idcontext 7500,default aead algorithm), partial iv 7501),(CoAP POSTCode,payload 7506), AAD(encrypt0 context,encrypt0(oscore version one, default aead algorithm, IDir 7498, partial iv 7501)))))

 \sim X 2 = Request(Header(a 7490,a 7491,a 7492,a 7493,a 7494), a 7495, CoAP Option OSCORE Option context(~M 8042, ~M 8043,~M 7541),payload from ciphertext(~M 8041))

Request(Header(a 7490,a_7491,a_7492,a_7493,a_7494), a_7495,CoAP_Option_OSCORE_Option_context(partial_iv_7501, IDir 7498, idcontext 7500), payload from ciphertext(enc COSE ciphertext(derive key context(MasterSecret 7499, IDir_7498,default_aead_algorithm,idcontext 7500), aead nonce(IDir 7498, derive common iv context(MasterSecret 7499,idcontext 7500,default aead algorithm), partial iv 7501),(CoAP POSTCode,payload 7506), AAD(encrypt0_context,encrypt0(oscore_version_one, default aead algorithm, IDir 7498, partial iv 7501))))

