A trace has been found.

Abbreviations
~X_1 = (AES_enc(smartthings_const,kdf2(derive_encryption_key(exp(a_7,kdf1(hash_table(~M))),a_6),bleAuthentication_const),~M_4),enc_nonce_1) = (AES_enc(smartthings_const,kdf2(derive_encryption_key(exp(a_7,kdf1(sn)),a_6),bleAuthentication_const),n2_2),enc_nonce_1)
~M_6 = AES_enc(smartthings_const,kdf2(derive_encryption_key(exp(a_7,kdf1(sn)),a_6),bleAuthentication_const),a_8)
~M_7 = enc_nonce_2
~X_2 = (AES_enc(a_9,kdf2(derive_encryption_key(exp(a_7,kdf1(hash_table(~M))),a_6),~M_4),~M_4),enc_params) = (AES_enc(a_9,kdf2(derive_encryption_key(exp(a_7,kdf1(sn)),a_6),n2_2),n2_2),enc_params)