A trace has been found.

Abbreviations
~X_1 = (a_9,((g,AES_GCM_enc((a_10,(a_11,(a_12,(a_13,(a_14,(a_15,(a_16,a_17)))))))),kdf(~M,g),kdf(~M,g))),open_ch)) = (a_9,((g,AES_GCM_enc((a_10,(a_11,(a_12,(a_13,(a_14,(a_15,(a_16,a_17)))))))),kdf(exp(g,qe),g),kdf(exp(g,qe),g))),open_ch))
~X_2 = (SHA256((exp(g,s__2),r__3)),((g,AES_GCM_enc((a_10,(a_11,(a_12,(a_13,(a_14,(a_15,(a_16,a_17)))))))),kdf(exp(g,qe),g),kdf(exp(g,qe),g))),pre_app1))
~M_42 = SHA256((s_2,r_2))
~M_43 = exp(g,exp_1)
~M_44 = AES_GCM_enc((a_18,(token_2,(UUID,(SN_2,(data_2,(Version_2,(a_19,SeedK1_2))))))),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1)),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1)))
~M_45 = open_ch
~X_3 = (~M_42,((~M_43,~M_44),open_ch)) = (SHA256((s_2,r_2)),((exp(g,exp_1),AES_GCM_enc((a_18,(token_2,(UUID,(SN_2,(data_2,(Version_2,(a_19,SeedK1_2))))))),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1)),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1))),open_ch))
~X_4 = (SHA256((exp(g,s__3),r__4)),((exp(g,exp_1),AES_GCM_enc((a_18,(token_2,(UUID,(SN_2,(data_2,(Version_2,(a_19,SeedK1_2))))))),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1)),kdf(exp(exp(g,qe),exp_1),exp(g,exp_1)))),pre_app1))
~X_5 = (iCloudIdentifier_9,(SeedS_4,(sign((UUID,(a_18,(SeedS_4,(SHA256((exp(g,s__3),r__4)),(a_19,AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const))))))),qa),(AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const)),pre_app1))))
~M_46 = exp(g,s_)
~M_47 = r__2
~M_48 = AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const))
~M_49 = SeedS_4
~M_50 = sign((UUID,(a_18,(SeedS_4,(SHA256((exp(g,s__3),r__4)),(a_19,AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const))))))),qa)
~M_51 = iCloudIdentifier_9
~M_52 = open_ch
~X_6 = (iCloudIdentifier_5,(SeedS_3,(sign((a_12,(a_10,(SeedS_3,(SHA256((exp(g,s__2),r__3)),(a_16,AES_GCM_enc(token_new,kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const))))))),qa),(AES_GCM_enc(token_new,kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const)),pre_app1))))
~M_53 = exp(g,s__3)
~M_54 = r__4
~M_55 = AES_GCM_enc(token_new,kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const))
~M_56 = SeedS_3
~M_57 = sign((a_12,(a_10,(SeedS_3,(SHA256((exp(g,s__2),r__3)),(a_16,AES_GCM_enc(token_new,kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_3,a_17),ServerSharedSecret_const),PairingSession_const))))))),qa)
~M_58 = iCloudIdentifier_5
~M_59 = open_ch
~X_7 = (~M_53,(~M_54,(~M_48,(~M_49,(~M_50,(a_20,open_ch)))))) = (exp(g,s__3),(r__4,(AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const)),(SeedS_4,(sign((UUID,(a_18,(SeedS_4,(SHA256((exp(g,s__3),r__4)),(a_19,AES_GCM_enc(token_new_2,kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const),kdf(kdf((SeedS_4,SeedK1_2),ServerSharedSecret_const),PairingSession_const))))))),qa),(a_20,open_ch))))))
~M_60 = s_2
~M_61 = r_2
~M_62 = UUID
~M_63 = SN_2
~M_64 = a_18
~M_65 = a_19
~M_66 = token_new_2
~M_67 = Status
~M_68 = open_ch