A trace has been found.

Abbreviations
~X_1 = PRF(PRF(a_3,a_1,~M_8),client_finished_label,hash((a_1,~M_8,~M_4,penc(a_3,getPk(~M_4))))) = PRF(PRF(a_3,a_1,serverRandom_4),client_finished_label, hash((a_1,serverRandom_4,cert(subjectServer2_1, pk(skServer2_1),skCA_1),penc(a_3,pk(skServer2_1)))))
~M_10 = PRF(PRF(a_3,a_1,serverRandom_4),server_finished_label, hash(((a_1,serverRandom_4,cert(subjectServer2_1, pk(skServer2_1),skCA_1),penc(a_3,pk(skServer2_1))), PRF(PRF(a_3,a_1,serverRandom_4),client_finished_label, hash((a_1,serverRandom_4,cert(subjectServer2_1, pk(skServer2_1),skCA_1),penc(a_3,pk(skServer2_1)))))))
~X_2 = (~M_7,HMAC(~M_7,PRF(PRF(a_3,a_1,~M_8),~M_8,a_1))) = (constructURL(subjectServer2_1,path_1),HMAC(constructURL(subjectServer2_1,path_1),PRF(PRF(a_3,a_1,serverRandom_4),serverRandom_4,a_1)))