Abbreviations
~M_3 = prf(prf(pm_secret(TLCP11,pr_4),master_secret,(cr_29,a_23)),client_finished,(((((CH(cr_29,a_22),SH(a_23,nego(TLCP11,ECC(a_24),StrongHash,a_25,a_26,a_27))),CRT(pk(a_28),pk(a_29))),SKE_ECC(sign(a_28,hash_ideal((cr_29,a_23,pk(a_29)))))),CKE_ECC(ecc_enc(pk(a_29),pm_secret(TLCP11,pr_4)))))
~X_1 = FIN(prf(prf(ecc_dec(a_29,~M_2),master_secret,(~M,a_23)),server_finished,(((((CH(~M,a_22),SH(a_23,nego(TLCP11,ECC(a_24),StrongHash,a_25,a_26,a_27))),CRT(pk(a_28),pk(a_29))),SKE_ECC(sign(a_28,hash_ideal((~M,a_23,pk(a_29)))))),CKE_ECC(~M_2)),FIN(prf(prf(ecc_dec(a_29,~M_2),master_secret,(~M,a_23)),client_finished,(((((CH(~M,a_22),SH(a_23,nego(TLCP11,ECC(a_24),StrongHash,a_25,a_26,a_27))),CRT(pk(a_28),pk(a_29))),SKE_ECC(sign(a_28,hash_ideal((~M,a_23,pk(a_29)))))),CKE_ECC(~M_2))))) = FIN(prf(prf(pm_secret(TLCP11,pr_4),master_secret,(cr_29,a_23)),server_finished,(((((CH(cr_29,a_22),SH(a_23,nego(TLCP11,ECC(a_24),StrongHash,a_25,a_26,a_27))),CRT(pk(a_28),pk(a_29))),SKE_ECC(sign(a_28,hash_ideal((cr_29,a_23,pk(a_29)))))),CKE_ECC(ecc_enc(pk(a_29),pm_secret(TLCP11,pr_4)))),FIN(prf(prf(pm_secret(TLCP11,pr_4),master_secret,(cr_29,a_23)),client_finished,(((((CH(cr_29,a_22),SH(a_23,nego(TLCP11,ECC(a_24),StrongHash,a_25,a_26,a_27))),CRT(pk(a_28),pk(a_29))),SKE_ECC(sign(a_28,hash_ideal((cr_29,a_23,pk(a_29)))))),CKE_ECC(ecc_enc(pk(a_29),pm_secret(TLCP11,pr_4)))))))

A trace has been found.