Abbreviations
~M_6 = aenc(((groupkey_response,vid_7,gsk(vid_7, gmsk_6),gpk(gmsk_6)),sign((groupkey_response,vid_7, gsk(vid_7,gmsk_6),gpk(gmsk_6)),cask_3)),pk(vsk_3))
~M_7 = aenc(((pseudocert(pk(a_3),gsk(a_4,gmsk_6)), revoke_request),sign((pseudocert(pk(a_3),gsk(a_4, gmsk_6)),revoke_request),vsk_3),cert(vid_7,pk(vsk_3),cask_3)),pk(cask_3))
~X_1 = aenc((groupkey_request,sign(groupkey_request,~M_3), ~M_4),~M) = aenc((groupkey_request,sign(groupkey_request, attsk_2),cert(attvid_2,pk(attsk_2),cask_3)),pk(cask_3))

A trace has been found.