Abbreviations
~M_4 = aenc(((groupkey_response,vid_12,gsk(vid_12, gmsk_5),gpk(gmsk_5)),sign((groupkey_response,vid_12, gsk(vid_12,gmsk_5),gpk(gmsk_5)),cask_4)),pk(vsk_8))
~M_11 = aenc(((groupkey_response,vid_11,gsk(vid_11, gmsk_5),gpk(gmsk_5)),sign((groupkey_response,vid_11, gsk(vid_11,gmsk_5),gpk(gmsk_5)),cask_4)),pk(vsk_7))
~M_12 = aenc(((pseudocert(pk(vpseudosk_3),gsk(vid_12,gmsk_5)),revoke_request),sign((pseudocert(pk(vpseudosk_3),gsk(vid_12,gmsk_5)),revoke_request), vsk_7),cert(vid_11,pk(vsk_7),cask_4)),pk(cask_4))
~M_16 = aenc(((groupkey_response,vid_10,gsk(vid_10, updatedgmsk_2),gpk(updatedgmsk_2)),sign((groupkey_response, vid_10,gsk(vid_10,updatedgmsk_2),gpk(updatedgmsk_2)), cask_4)),pk(vsk_6))

A trace has been found.