Abbreviations
~M_2 = choice[aenc((groupkey_request,sign(groupkey_request, vsk_27),cert(vid_99,pk(vsk_27),cask_24)),pk(cask_24)), aenc((groupkey_request,sign(groupkey_request,vsk_26), cert(vid_98,pk(vsk_26),cask_25)),pk(cask_25))]
~X_1 = (~M_3,~M_4,~M_5) = choice[(attvid_25,attsk_25, cert(attvid_25,pk(attsk_25),cask_24)),(attvid_24, attsk_24,cert(attvid_24,pk(attsk_24),cask_25))]
~M_7 = choice[aenc((groupkey_request,sign(groupkey_request, vsk_29),cert(vid_101,pk(vsk_29),cask_24)),pk(cask_24)), aenc((groupkey_request,sign(groupkey_request,vsk_28), cert(vid_100,pk(vsk_28),cask_25)),pk(cask_25))]
~M_8 = choice[aenc(((groupkey_response,vid_99, gsk(vid_99,gmsk_24),gpk(gmsk_24)),sign((groupkey_response, vid_99,gsk(vid_99,gmsk_24),gpk(gmsk_24)),cask_24)), pk(vsk_27)),aenc(((groupkey_response,vid_98,gsk(vid_98,gmsk_25),gpk(gmsk_25)),sign((groupkey_response, vid_98,gsk(vid_98,gmsk_25),gpk(gmsk_25)),cask_25)), pk(vsk_26))]

A trace has been found.