Abbreviations
~M_4 = make_presentation(didB,didU,a_3,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB)),sign((didB,didU,a_3,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB))),skU))
~X_1 = aenc(make_presentation(a_6,didU,3-proj-3-tuple(adec(~M_5,a_4)),4-proj-4-tuple(resolve_presentation(~M_4,~M_1)),sign((a_6,didU,3-proj-3-tuple(adec(~M_5,a_4)),4-proj-4-tuple(resolve_presentation(~M_4,~M_1))),a_4)),~M_2) = aenc(make_presentation(a_6,didU,nonceB_4,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB)),sign((a_6,didU,nonceB_4,make_credential(didB,didU,dataU,null_cred,sign((didB,didU,dataU,null_cred),skB))),a_4)),pk(skB))

A trace has been found.