



The graph is acyclic.

\_\_\_\_\_Dependency graph legend: Vertex label, and the corresponding action\_\_\_\_\_

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500  In(5,  N(18):'t_chall )
501  Out(5,  N(15):'t_nonceP )
502  In(5, < senc(< N(17):'t_tagR , V(10):'t_nonceR , N(15):'t_nonceP , V(11):'t_keyR > ,
N(3):'t_skey ),hash(< senc(< N(17):'t_tagR , V(10):'t_nonceR , N(15):'t_nonceP , V(11):'t_keyR > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
503  Out(5, < senc(< N(16):'t_tagP , N(15):'t_nonceP , V(10):'t_nonceR , N(8):'t_keyP > ,
N(3):'t_skey ),hash(< senc(< N(16):'t_tagP , N(15):'t_nonceP , V(10):'t_nonceR , N(8):'t_keyP > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
404  Out(4,  N(18):'t_chall )
405  In(4,  V(8):'t_nonceP )
406  Out(4, < senc(< N(17):'t_tagR , N(14):'t_nonceR , V(8):'t_nonceP , N(9):'t_keyR > ,
N(3):'t_skey ),hash(< senc(< N(17):'t_tagR , N(14):'t_nonceR , V(8):'t_nonceP , N(9):'t_keyR > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
407  In(4, < senc(< N(16):'t_tagP , V(8):'t_nonceP , N(14):'t_nonceR , V(9):'t_keyP > ,
N(3):'t_skey ),hash(< senc(< N(16):'t_tagP , V(8):'t_nonceP , N(14):'t_nonceR , V(9):'t_keyP > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
308  In(3,  N(18):'t_chall )
309  Out(3,  N(11):'t_nonceP )
3010 In(3, < senc(< N(17):'t_tagR , V(6):'t_nonceR , N(11):'t_nonceP , V(7):'t_keyR > ,
N(1):'t_skey ),hash(< senc(< N(17):'t_tagR , V(6):'t_nonceR , N(11):'t_nonceP , V(7):'t_keyR > ,
N(1):'t_skey ), N(0):'t_mkey >>)>
3011 Out(3, < senc(< N(16):'t_tagP , N(11):'t_nonceP , V(6):'t_nonceR , N(4):'t_keyP > ,
N(1):'t_skey ),hash(< senc(< N(16):'t_tagP , N(11):'t_nonceP , V(6):'t_nonceR , N(4):'t_keyP > ,
N(1):'t_skey ), N(0):'t_mkey >>)>
2012 Out(2,  N(18):'t_chall )
2013 In(2,  V(4):'t_nonceP )
2014 Out(2, < senc(< N(17):'t_tagR , N(10):'t_nonceR , V(4):'t_nonceP , N(5):'t_keyR > ,
N(1):'t_skey ),hash(< senc(< N(17):'t_tagR , N(10):'t_nonceR , V(4):'t_nonceP , N(5):'t_keyR > ,
N(1):'t_skey ), N(0):'t_mkey >>)>
2015 In(2, < senc(< N(16):'t_tagP , V(4):'t_nonceP , N(10):'t_nonceR , V(5):'t_keyP > ,
N(1):'t_skey ),hash(< senc(< N(16):'t_tagP , V(4):'t_nonceP , N(10):'t_nonceR , V(5):'t_keyP > ,
N(1):'t_skey ), N(0):'t_mkey >>)>
1016 In(1,  N(18):'t_chall )
1017 Out(1,  N(13):'t_nonceP )
1018 In(1, < senc(< N(17):'t_tagR , V(2):'t_nonceR , N(13):'t_nonceP , V(3):'t_keyR > ,
N(3):'t_skey ),hash(< senc(< N(17):'t_tagR , V(2):'t_nonceR , N(13):'t_nonceP , V(3):'t_keyR > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
1019 Out(1, < senc(< N(16):'t_tagP , N(13):'t_nonceP , V(2):'t_nonceR , N(6):'t_keyP > ,
N(3):'t_skey ),hash(< senc(< N(16):'t_tagP , N(13):'t_nonceP , V(2):'t_nonceR , N(6):'t_keyP > ,
N(3):'t_skey ), N(2):'t_mkey >>)>
0020 Out(0,  N(18):'t_chall )
0021 In(0,  V(0):'t_nonceP )
0022 Out(0, < senc(< N(17):'t_tagR , N(12):'t_nonceR , V(0):'t_nonceP , N(7):'t_keyR > ,
N(3):'t_skey ),hash(< senc(< N(17):'t_tagR , N(12):'t_nonceR , V(0):'t_nonceP , N(7):'t_keyR > ,
N(3):'t_skey ), N(2):'t_mkey >>)>

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eyR > , N(3):'t_skey ), N(2):'t_mkey >>)>

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0023  In(0, < senc(< N(16):'t_tagP , V(0):'t_nonceP , N(12):'t_nonceR , V(1):'t_keyP > ,
N(3):'t_skey ),hash(< senc(< N(16):'t_tagP , V(0):'t_nonceP , N(12):'t_nonceR , V(1):'t_keyP > ,
N(3):'t_skey ), N(2):'t_mkey >>)>

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