

A trace has been found.

Abbreviations
$\sim M_{19} = \text{senc}(\text{secretB}, h2(\text{exp}(\text{exp}(g, \text{eadd}(x_1, \text{eadd}(\text{skA}_1, \text{emul}(s_1, h1(\text{idA}, \text{exp}(g, \text{skA}_1)))))), \text{eadd}(\text{eadd}(\text{skB}_1, \text{emul}(h1(\text{idB}, \text{exp}(g, \text{skB}_1)), s_1)), y_3)), \text{exp}(\text{exp}(g, x_1), y_3)))$
$\sim M_{20} = \text{senc}(\text{secretA}, h2(\text{exp}(\text{exp}(g, \text{eadd}(y_3, \text{eadd}(\text{skB}_1, \text{emul}(s_1, h1(\text{idB}, \text{exp}(g, \text{skB}_1)))))), \text{eadd}(\text{eadd}(\text{skA}_1, \text{emul}(h1(\text{idA}, \text{exp}(g, \text{skA}_1)), s_1)), x_1)), \text{exp}(\text{exp}(g, y_3), x_1)))$

