

Abbreviations
$\sim X_1 = \text{FIN}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\sim M_{49033}, a_{48829})), \text{server_finished}, (((((\text{CH}(\sim M_{49033}, a_{48836}), \text{SH}(a_{48829}, \text{nego}(\text{TLS12}, \text{RSA}(a_{48837}), a_{48838}, a_{48835}, a_{48839}))), \text{CRT}(\sim M_{49138})), \text{CCS}(\text{change_cipher_spec})), \text{CKE}(\text{rsa_enc}(\sim M_{49138}, \text{zero}))), \text{FIN}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\sim M_{49033}, a_{48829})), \text{client_finished}, (\sim M_{49033}, a_{48829})))))) = \text{FIN}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\text{cr}_{48841}, a_{48829})), \text{server_finished}, (((((\text{CH}(\text{cr}_{48841}, a_{48836}), \text{SH}(a_{48829}, \text{nego}(\text{TLS12}, \text{RSA}(a_{48837}), a_{48838}, a_{48835}, a_{48839}))), \text{CRT}(\text{pk}(\text{k}_{48842}))), \text{CCS}(\text{change_cipher_spec})), \text{CKE}(\text{rsa_enc}(\text{pk}(\text{k}_{48842}), \text{zero}))), \text{FIN}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\text{cr}_{48841}, a_{48829})), \text{client_finished}, (\text{cr}_{48841}, a_{48829}))))))$
$\sim X_2 = (a_{48832}, a_{48833}, \text{ae_enc}(a_{48835}, \text{b2ae}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\sim M_{49033}, a_{48829})), \text{server_key_expansion}, (a_{48829}, \sim M_{49033}))), a_{48832}, a_{48833}, a_{48834})) = (a_{48832}, a_{48833}, \text{ae_enc}(a_{48835}, \text{b2ae}(\text{tls12_prf}(\text{tls12_prf}(\text{zero}, \text{master_secret}, (\text{cr}_{48841}, a_{48829})), \text{server_key_expansion}, (a_{48829}, \text{cr}_{48841}))), a_{48832}, a_{48833}, a_{48834}))$

A trace has been found.

