

Encrypt

① trust ← message

② 116 114 117 115 116

0110100 0110010 01110101 01110011 01110100

③ truth ← key

116 114 117 115 116

01110100 0110010 01110101 01110100 01101000

④ Apply XOR bitwise operation
message

→ key

00000000 00000000 00000000 00001111 00011100

⑤ convert result into hex.

00 00 00 07 1c

Decrypt

① convert hex to binary - 00 00 00 07 1c

00000000 00000000 00000000 00001111 00011100

01110101

key → 01110100 0110010 ~~01110101~~ 01110100 01101000

XOR → 01110100 01110100 01110101 01110011 01110100

* † r u s † *