$a \;=\; 1027795314451781443748475386257882516$

$n \;=\; 1029059010426758802790503300595323911$

$e \;=\; 2287529$

https://www.wolframalpha.com/input/?i=factor+1029059010426758802790503300595323911

216273774599027×4758131272895389067293 (2 distinct prime factors)

$p = 216273774599027$

$q = 4758131272895389067293$

$\phi = (p-1)(q-1) = 216273774599026 \times 4758131272895389067292$

https://www.wolframalpha.com/input/?i=216273774599026x4758131272895389067292

$\phi = 1029059010426754044659014131431657592$

Run ϕ and e through GCD.java to get:

$d = 941852144648755861760623254442258121$

Run a, d, and n through ModExp.java to get:

$528078708573747972016877770877083$

Then run it through Decode.java to get:

Something clever