

What is Zama 21-12-2025:

Zama is the first \$1B unicorn open-source cryptography company aiming to make fully homomorphic encryption practical. In layman's terms, this means allowing computations to be performed on encrypted data, without decrypting it first and offering the same result as if it had been unencrypted. For example, with FHE, a bank could run fraud-detection models on your fully encrypted transaction history, catching suspicious activity the moment it occurs, without ever seeing where you've spent your money or other private financial data.

Zama is perhaps the first company at this scale, to commercialise a full-stack FHE platform available to developers and enterprises. Co-founded by CEO Rand Hindi (serial AI entrepreneur) and Chief Scientist Pascal Paillier (inventor of the Paillier cryptosystem, FHE pioneer), the Paris-Zug team blends 37 PhDs in crypto/ML with remote engineers from 26 countries with additional hiring underway through Zama careers.

Right now, the most valuable data in the world (medical records, institutional finance, crypto/DeFi activity, digital identity) is trapped in silos. It is "locked away" because the risk of exposing it to the cloud is simply too high, it would cost you your privacy.

Zama's innovative usage of FHE is the key to unlocking this value ethically and efficiently.

With FHE, we no longer need to trust mega-corporations with our data. Hospitals could train AI on patient data with zero risk of exposure and financial records or identity attributes can be acknowledged without decrypting them, removing the risks of exposing any data.

The idea of computers working on encrypted data has existed for years, but was always too slow to be practical. Zama is the first to make that capability usable for real applications. It removes the most vulnerable point in modern computing: the moment we decrypt data to use it. There are a few key benefits of using Zama in blockchain and AI. With Zama, algorithms crunch encrypted versions of this data to spot trends, personalize recommendations, or predict sales, delivering the same sharp insights (like training a recommendation engine on hidden user behavior) while the raw info stays mathematically locked away.

Secret Phrase

oval marriage gloom various scheme symbol secret humor pattern soccer champion october	brave caught frog problem crime math absurd hood art aisle turtle curious
day loan wire zero minimum dance wish once adjust lunch egg annual	grief gallery skill response this bird pitch satisfy clip chase plug lazy
promote glue unknown until fat innocent butter uncover cheap avocado robot lemon	blast accident flame leader glory vendor supply safe clown never mercy laundry
arrest flip grab oppose beach maze capital survey night lonely legend crack	vehicle amateur antenna pact exotic trophy ranch sheriff detect wall body clerk
become gossip gap size celery marine scare snake favorite load truly battle	vacant enemy have address wonder diamond above similar idea juice focus finish
air evidence hollow fluid flag kind lobster always nothing veteran desk enroll	glass abuse someone february chief exercise invite short topple father position spy
conduct black federal please tattoo gather dinner humble casino mango mandate correct	intact snow dry chicken tuition hope census chaos purse monitor panda foot
shrug panic object door wreck trumpet employ when toward zebra shallow disorder	hurry belt color cart record century public gravity detail document question verify
bring more beef wasp weather spend later drama stock rebuild main syrup	monster eight burger volcano major turkey action letter flush other identify firm
clog impose digital crazy city stadium assist prosper govern sense travel obscure	brass dish enhance rare number devote tobacco dog picnic approve grace warm
penalty pear profit delay easily fog term donor kidney anger audit raven	ivory novel flavor horse note august bright struggle foster milk buzz leaf
reject mimic cook rifle online retire minute glance calm eyebrow defy cancel	royal purchase grocery only little sure chest moral bamboo journey weapon menu
canvas brick slush honey together square another earth target master venue fork	gold person joke post lion extra pluck deny toilet uphold crew spot
baby radar control unusual real flat ripple job stereo broccoli fortune spare	soul forward rubber build icon entire bone slogan olympic alley fossil solar
neutral inhale depart nose perfect start fan asthma giggle affair spirit bench	opinion blouse draw ostrich vital cable route afford will young resemble river
holiday quote couch charge thank coffee creek awake current bag castle language	minor impulse corn fly better decide memory dice room arena aware style
prefer disease work broom wagon borrow open erase stick business catalog quick	occur dinosaur timber deputy mechanic teach south monkey rich easy arrive plate
maple dolphin salon weird wheat congress surround harsh chunk food stove street	keep roof apple senior eager quiz valid make hobby attend brand album
uniform gesture armor rack burden marble energy behave width away enforce need	dawn three lake tackle nuclear huge seek goat badge method segment ceiling
token valley yellow earn enable twelve hockey razor reveal lab acoustic pen	cargo youth season world yard lecture whale drink under match kit guitar
hen bicycle theory rookie crystal speak squeeze injury kitchen mammal clutch very	author process involve phone unique dust cause heart blood small family inside
false ask noodle alarm grape trim boil pulp answer supreme topic display	scorpion remove trouble subject scissors myth gauge spin fire trip transfer knife

aerobic practice because track vivid antique below domain place stamp today poverty	sentence degree sphere video kingdom middle either luggage twenty torch draft mansion
kick concert base electric wash swing cute drop shift prepare brisk rather	often can leisure upper unlock aunt sun account alert release fit solid
opera march sketch mountain frequent shed aim regret direct element horror ugly	popular birth bacon wrestle super series genius worth admit deer jar present
orphan drill screen waste motion abandon stand mind happy soda crawl feel	index winter west ten thumb abstract wait manage negative funny window random
apology remind clinic surge two maid box farm garden urge relax usual	isolate parrot discover eagle swift verb left spoil over radio visa sustain
awful again fiber demand label hunt sponsor danger grass float power soap	whip lucky onion blue summer peace brain put stay banner wheel culture
misery quantum edit nature ginger crowd husband warfare flash coral lamp add	disagree offer useless gift afraid barrel rapid skate suggest immense thunder infant
reflect salad unit captain raw engage measure broken few tomorrow woman hard	water push trial robust notable harvest mother news setup athlete wage submit
leg truth tissue wrist empty dwarf vessel engine doll cinnamon candy mom	universe clay mutual slice inch ordinary busy remember orient scene guilt project
core moment daring bleak narrow ice output pigeon void bottom area episode	dove mosquito skirt sort people home want fabric tent tonight lock fuel
diary puppy there gun almost machine taxi write clump dumb begin jungle	kangaroo picture ethics estate flight rain balcony carbon sniff crucial brush crouch
amazing field stomach maximum capable glimpse hotel gym decrease wedding seven horn	salt stool pair pave coach despair love equal found alpha paper climb
patrol forest crisp column manual spawn move report outer outdoor arrange unable	tumble enrich morning insane merge april dutch cycle endorse toast describe insect
latin divorce midnight category update rail hurt walk check ancient expand tongue	own chair risk enlist ship great feature snack student success primary economy
hurdle ocean tag giant region mirror absent where foam town tray tenant	title inquiry before tornado access side soft sudden worry multiply diet nice
scout impact plastic choose attack replace payment scrub result scrap churn sweet	twice copy allow ensure tone into faculty eternal spike must carry embrace
course trade oxygen smart strategy embody appear dune circle civil proud biology	select arm bonus hole matter entry elevator nerve same image give poem
typical december key upset social tail invest then stairs curtain oblige bless	puzzle upon lumber age agent dirt produce motor total glare patch physical
zone ramp fault peanut tiger surprise round hospital length garlic network collect	cabbage beauty park vapor average olive casual dizzy shield else ecology cry
betray exhibit next dream knee fatigue basket erupt uncle sing sauce awkward	mad auto pretty coyote echo chapter child search alcohol pig cross goose
matrix giraffe cup eye lounge liar hawk tourist mule say kitten dismiss	trap dose table reopen version space pioneer weekend pupil ahead comic private
cradle vote noise long way face east drip orange coconut budget pet	mail hungry any portion emotion announce unfair sausage bunker boy artist hand
sample level name income flee include cat nest saddle history initial strike	sick light vault obvious prize true luxury exhaust much undo split advice

skull pink violin silent fantasy pencil elbow shaft lyrics rug cream pistol	argue toy sister mobile health canyon reduce indoor end about cruel globe
case shy piano gown notice ring drum blade half inmate lunar chimney	client nasty future gadget car blush team army glow claw nurse sleep
stem inflict observe media mesh poet van cricket pond ozone hub price	month gaze famous deposit bronze priority sail early alien cool avoid camera
okay virus tribe return figure learn tilt upgrade sign shadow fun donate	pottery blind swamp install stumble armed extend file word near live duck
head analyst link item issue illegal expose good tooth hundred comfort wing	vibrant settle kiwi shop police melt hedgehog stable confirm across flower brown
palm crane exist soup test share cigar program human soon drastic boring	enjoy source pumpkin bar reason slender know cash rent tell swear gorilla
security filter market orchard tennis cave trick top frozen cloud gentle logic	diagram oyster rice edge inform excite lottery wood rival final custom canal
sell ticket mix genuine tip turn fancy choice thrive noble input harbor	voyage hamster divide situate retreat blanket siren tool traffic scale ready trigger
scan song wrap siege cube rural mushroom purity company habit miracle twin	render wisdom lawsuit parent era sad fox section bulb fade that warrior
forget guide cliff arctic immune cotton increase you zoo remain festival still	enter cram ketchup elephant wealth duty patient derive review such service pudding
rib bachelor reunion judge group taste step wet inspire phrase front attitude	dignity grow obey venture heavy fiscal volume canoe click hidden fix recall
fatal cake pride chef denial girl silly trash melody squirrel mixture purpose	throw bid actor outside buffalo fever resource boat meadow cousin parade explain
pause jealous excuse doctor citizen scatter effort state dress genre trend bean	lizard just pony leopard finger ghost smile quit tired kiss elder sea
shiver ignore prevent dad save vague one artefact inherit lady rescue buddy	loop fetch alter helmet spell local interest bullet common shell divert country
regular stone office join renew curve bike usage speed tide liquid tomato	hire chat elite tragic viable man six guess fitness panther large orbit
balance garment spread agree help high fame card autumn jewel furnace lesson	switch fiction believe walnut envelope ridge runway page limb chalk permit talent
industry proof glad find hazard acid fashion layer goddess road pelican junk	grid range hello myself special advance clean faith angry model tuna hammer
adult glove lava neck barely swarm floor hint hair cost unfold fee	rigid artwork win mean enact message hill provide vacuum magic breeze hybrid
atom cushion acquire shrimp shock rocket able run ill swim million ski	vintage change fruit slow oak benefit staff forum slight between illness margin
bitter text swap omit rebel theme lend grunt oven bounce rabbit spatial	simple pipe design boost actress differ material rotate planet slot loyal coil
bread exchange satoshi anchor critic cattle film decade pull during fish obtain	crunch exact diesel silk muffin wear skin library double express umbrella ribbon
wrong drive rose victory donkey nephew stage joy task village shoulder they	camp tube essay debate ankle damage island soldier combine example vocal try
story shuffle basic host sunset clap shine whisper play assume truck gospel	potato club act photo point tower actual define talk board magnet evil

cement develop seat depend distance attract bridge thing arrow off naive net	type adapt deal predict sock require auction peasant idle virtual thought awesome
movie neglect plunge inject smooth second book decorate jump escape spoon labor	faint dilemma suspect solve silver subway cherry alone time inner refuse spice
assault blossom crash airport since cupboard paddle napkin burst nut muscle dash	general cruise solution hat odor member angle powder buyer jelly twist medal
reform salute erode voice demise galaxy useful friend view pass bubble north	garbage wolf right catch consider evolve coast list mass essence banana call
stuff amused prison foil recipe shoot bargain pizza oil copper absorb pledge	cover meat bracket science cannon slab system ladder sorry close chuckle dial
miss grain debris what normal brief organ like jaguar cabin slide laptop	already fragile palace gasp expect shoe unhappy behind clock wink tape fringe
raise resist cereal defense female game cluster toss best music fresh daughter	welcome property print anxiety tortoise cactus order merry fury visit animal wide
grit fence device exclude around improve also museum script frown salmon keen	hour vanish accuse imitate modify school grant indicate desert unveil hero laugh
trust surface witness execute rough force rate crumble web convince coin come	gas smoke cage sadness valve enough slim endless code year jacket axis
snap frame emerge iron brother crush error dragon wise follow mention toddler	panel punch rule mouse embark evoke dynamic raccoon option loud merit bulk
empower blame fold clever decline vicious slam bomb shove boss recycle polar	roast elegant legal amount sound deliver now sugar cheese lift pill couple
credit bind flock hold garage sport winner swallow path metal wool neither	ritual caution mystery unaware sting weasel guard clarify chronic ability spring moon
spider relief exit tiny ball dentist license sight train rally first reward	blur border quarter sunny feed pool protect crater erosion sword nation sibling
wild all tree pilot damp depth leave utility hip cloth arch drift	destroy fall toe nominee visual pepper junior glide owner fine mixed original
lens party ride life aspect seminar carpet praise repair mask suffer wine	among asset urban riot wave equip repeat bus law craft certain addict
excess strong achieve apart exile romance jeans use knock liberty green pulse	symptom claim kid mistake treat steak tunnel used pyramid bundle educate jazz
expire tank velvet steel spray rely quality gain rude seed sand suit	possible piece limit wife hover height lawn old frost session crop rhythm
race gate pole vast connect receive kite beyond park bridge fury feed	