

What Is LayerZero 17-08-2025:

LayerZero is built on the concept of unified cross-chain development, otherwise expressed through the term “omnichain”. In essence, LayerZero wants to be the base layer for a large mesh network where any blockchain can reliably communicate and exchange data with any other chain in the ecosystem. This vision is expressed through the name “LayerZero”, which nods to it being a foundational layer for communication between blockchains, be they Layer 1 or Layer 2.

LayerZero hopes to standardize application development across all chains, much like TCP/IP standardized internet development.

LayerZero is the brainchild of CEO and co-founder Bryan Pellegrino, along with CTO and co-founder Ryan Zarick, and co-founder Caleb Banister. The trio first began working on LayerZero in 2021, on a mission to solve the fundamental challenge of interoperability amid the rapidly growing number of blockchains.

The spark for LayerZero came when the three founders were working on an NFT game around the fall of 2020. While the NFTs themselves were based on Ethereum, the trio had wanted to leverage the speed and affordability of the then-new Binance Smart Chain (BSC) to aid their product’s gameplay. This created a need for them to build a blockchain bridge to move the NFTs from Ethereum to BSC. During this experience, they realized the risks of bridging assets between blockchains and decided to build something more efficient and secure.

The key to LayerZero is that it allows blockchains to communicate without the use of expensive on-chain light nodes, or non-secure middle chains. It does this with Ultra-Light Nodes, blockchain endpoints, decentralized third-party oracles, and relayers. Let’s see how each of these features helps layer zero operate.

Endpoints are how blockchains send, verify, and receive messages in LayerZero. Thus, each chain supported by the LayerZero protocol must deploy its own endpoint.

LayerZero’s endpoints enable each supported blockchain to become part of a fully connected network.

Secret Phrase **LayerZero**

urge monkey hobby property hollow book error harsh rude few keen police	material resemble valid melody list choice frost fade just equip loop glare
recycle more office detect twist puppy private energy sibling inject anxiety awesome	cabin music amused typical indoor salmon provide sentence snack slim easy spin
kingdom near panic game rifle draft grid gas dinosaur model reward hunt	pizza forward basic subway weasel slow annual tower daring balance mad raven
emotion general action tragic horse sweet mouse senior this hole bid pool	oyster deny minor alert phrase unaware hockey funny cheese reason dry planet
save pledge water nerve powder stone matter mimic fancy hair kit juice	myself mechanic labor sorry nothing wreck scare display frequent swim fish leopard
castle avocado day clean boring flat rural uncle first vicious small useful	idle behind degree noodle wisdom demise school bread tiger fork soda idea
reduce index spoil approve trouble cereal fringe between armor skate cook laptop	fashion educate taste pony medal weapon sleep hint record photo already tuition
luggage slogan fine raccoon category crime endorse onion upon ready sing only	demand brown wave public knock cat double define future assist lottery please
chimney husband source broom auction huge guess clerk trick grit tilt moment	staff atom beef announce feature base forest coral head pull solve cream
cricket estate outdoor dress finger license rally return release rookie same permit	december mail curve trip item jacket shrug core october tennis rather ski
remain bone attend transfer resist dream melt certain once umbrella buffalo loan	bargain client vessel milk during spice sun curious hood brass joke right
inhale manual quote fold fall scout vivid sister trigger grab spell stem	issue bus salt blouse ceiling meat express donkey shop loyal okay select
logic embark faculty apart post canoe couple duck twenty embody charge beauty	amateur doctor term aerobic appear option tobacco impact dove good abstract veteran
miss write stereo table recall around picnic ankle pair endless blush major	fresh hill agent fog dynamic behave aspect deal pause before mirror shell
ghost loud economy empower mother giraffe simple whip satoshi bachelor custom damp	impulse merry dust work name drip flame cost lion royal proof evil
napkin green again toward sail shine age square wire tiny debris order	tail price need elephant innocent make track vacant lumber swear such into
bean movie hammer winner describe broccoli left pilot blanket party space naive	grief arrange coffee share earth quantum baby fruit bitter congress leisure suffer
fatigue regret civil swift intact ramp across dismiss hybrid adjust farm carbon	leaf mom control spread tumble south absurd spoon open barrel august join
engine toss payment turtle gentle wasp aware amount move pass know piano	hazard cake exotic special fox audit cabbage chapter scene tornado power stage
comic lonely upgrade injury magnet solar volume canvas sound exile goose rigid	maid key patient shield device object marriage level unfair crouch jealous shift
flag matrix decline mind park present flower wagon hold neglect deputy spawn	cloth script prize extend sunset pelican when obvious glide burger gasp collect
tent frozen laundry sea smile neck soccer vintage march fan swallow thunder	dish celery cloud seven moon because surface sniff album noble distance sure

giggle nurse try lunar plunge spare course since modify range destroy arrest	merit decorate tonight acoustic awkward family visa obscure young bicycle stomach globe
calm all scheme anchor kind choose stumble primary fever brave unfold humble	cube shoot floor surprise brief income tribe february govern leader absent lawn
ancient width lens cram vault ugly mule raise scrub isolate wealth abandon	thumb blossom elite response ride wrong spray twin spot blame roast cruel
escape afraid knife super song various athlete company iron eternal food worry	neutral disagree alcohol shock hub alone tray rival oblige excite identify nature
cliff guilt trim recipe blast hat number bind adapt end pulse forget	craft pepper gold increase sting round silk canal maximum motion reject vital
poverty rib razor assume sort pond hotel garment box brother anger flee	woman nominee caught health where expire practice autumn cycle region memory language
tackle warrior piece glue two cupboard moral off bright thank voice agree	father slush wage furnace twelve coin limb edit awake check tide venue
van unusual toe grocery attract fame camera diary series clinic scrap elbow	wool potato mean verify false expose attack comfort cotton chalk shallow enlist
physical way cement dragon hip foster radar cover betray ticket purity pudding	palace parrot glove nasty follow window shoulder slice fossil document guide you
peanut author hard dignity awful tell garden media vague friend brand own	carpet refuse aunt insane fiscal banner correct soft muffin gallery someone enable
praise divert wife bridge asset clap burden grow night daughter parent latin	seminar bleak rapid luxury learn inflict curtain story plastic finish strong peace
wonder cool there vacuum crisp robust resource second method supreme travel opinion	ribbon beyond oval rate figure fragile glad laugh heart antique blur want
arena organ egg ranch direct race live helmet whale suspect glance ocean	depth engage belt nuclear law dilemma call zebra unique sick promote sphere
drill poem build wait hospital excuse bike heavy budget prepare essay style	faith cup hero dirt fire version holiday stay coach extra swing guitar
rich mask jump middle aisle siege garbage fortune kid review pole impose	code mushroom wink panther come sign dice oppose welcome boss mutual depart
purpose garage damage frog couch timber marine summer will pet foam exhibit	example orchard neither mistake cannon enroll hover crack wheat truth fitness wrap
mass afford fuel negative advice merge fly goddess morning stamp april ordinary	among priority month force spend gloom actual protect ladder topic cheap input
view treat reform horror remove else aim eager lizard ice true truly	voyage analyst effort actress antenna noise copy away prison cage taxi vapor
trend mandate sword install dinner steak habit barely car marble wine gossip	rely lobster churn buzz history coconut argue drive case security tag victory
battle camp void punch net torch problem elevator grass hamster carry glimpse	climb north combine banana guard online scale horn life slender immense quality
very equal initial lyrics panel emerge harbor time disease lock monitor network	symptom under stadium undo tortoise gate inherit unknown until jeans turn riot
expect title boost speak consider shed happy wrestle master chest always butter	frame wolf door update gaze video win thought actor girl prevent crazy
parade margin scorpion cattle cart forum strike liar journey acquire hawk science	mixture task worth state vendor coast tomato olive avoid teach shiver soon

point faint youth liberty setup bird brick arm fabric edge illegal little	dose improve artwork arrive wise liquid universe creek hand nest one room
bounce rebel have hurdle other spirit become give tooth crystal total deer	immune convince saddle spatial sad session machine thrive nut entry strategy dog
fury foil toast absorb earn river pear boat unable rubber dolphin orbit	dumb sudden cute toy rare seat purse clown mango like reveal circle
dance sauce topple coil rhythm glow art desert squirrel feel gym snow	focus valley drop artist imitate echo goat surround dawn orphan ask print
pink exit episode evolve citizen situate help east unit menu soap nice	badge retire later survey angry auto pen ahead embrace chief shuffle skull
robot usage pottery bronze capital miracle access cable club digital exhaust swap	scissors solution hedgehog glass plug sand able metal scatter offer slam fault
wing body pencil develop cactus devote island champion assault weird section load	indicate layer repeat mansion add zoo result stuff oak vast below pistol
ship front honey crunch census crowd risk upper junior market crash prefer	magic kitchen train page lift nation hello popular rain radio secret dizzy
any ring danger split exact retreat wide ball ability clutch erode crumble	addict inner fat divide exist silent lava reopen gift lunch accuse short
admit detail blind limit say chat relax find mix angle rebuild kitten	shy search mention kick clip unlock minimum favorite zero west misery match
jelly entire clump claim winter stick crucial boy utility borrow invest busy	cancel sell casino file snap garlic credit crane mammal clay job lake
gap alley trade exercise cruise then rose spring execute firm female culture	arch smooth weekend cry virus border math they lazy joy pipe alter
galaxy clarify paper jungle cigar insect wet disorder enact fun domain long	air clog enrich vanish hen bulb supply stock warfare field wear pigeon
pig element person uniform bundle render talk tongue decide sight enjoy ozone	weather rent outer step length fluid catalog business sustain repair differ filter
pact skin airport polar phone sadness receive human slot silver regular hurry	roof road local program fit accident flush connect dentist bacon wedding leave
violin coyote dwarf tone odor diagram leg size ivory artefact perfect turkey	push speed smoke abuse achieve report deposit high alarm chuckle ensure drastic
bamboo bar scan talent era buyer shadow chicken kiss omit diamond eight	diesel blood click kiwi walk profit people vocal pattern legend path safe
card three image junk can midnight hire wood pluck myth viable submit	today palm evoke corn breeze renew stable sport fee inch keep letter
squeeze depend found tired maple erupt clock cargo must animal defy motor	judge label light hope relief measure uncover possible candy vote hour address
jaguar city notable lucky project paddle theory captain ill switch alien runway	opera derive large lesson decade easily slab eagle cousin token concert rice
legal tool village feed benefit advance gesture enter foot ignore fiction frown	erase armed virtual link owner drink dash sense debate buddy brain envelope
reflect require salute raw jewel year cash pumpkin slide crush infant bonus	suit oil cradle ritual used humor often ginger pitch famous sunny gadget
satisfy text salad drama wish mountain tunnel route replace library shove bomb	peasant pave host film chronic sugar icon plate denial grain dune target

over start warm verb area olympic better mesh final blue almost ecology	predict web rack great patrol remind shrimp burst stairs desk also color
social acid note current bottom copper kangaroo top tissue duty street play	town screen birth run jazz clever syrup giant lawsuit employ maze tree
kidney cinnamon doll half panda lecture excess wild together lounge account fantasy	stool never chaos boil purchase century grunt lady donate mystery federal soul
another test word toilet still bullet penalty original early delay system oven	inside jar tuna either conduct design student success capable process quarter dial
exclude enough genre random occur waste suggest cherry illness spike narrow exchange	decrease orient subject pill evidence eye close crop mosquito black oxygen love
seek ripple allow harvest column begin pride main pupil question genius genuine	truck portion smart put tape country tourist mobile flock industry swamp grant
hurt pioneer news poet vibrant act chair confirm trap hungry fix apple	critic season position army flight lemon museum pyramid sausage seed cushion canyon
dutch axis zone catch enforce multiply enhance nephew gather whisper quick team	group notice apology expand interest wash throw cluster proud vehicle asthma fetch
side venture glory above skill gun velvet thing fatal bulk member include	puzzle invite deliver man mixed million grape brisk bag crater wall grace
visit essence muscle salon urban what diet brush real sketch fiber sponsor	height home bubble useless believe biology drum caution rocket spy bracket arctic
rescue meadow face yard snake cross common prosper novel reunion draw observe	basket chef rug rabbit inspire rotate hidden wheel skirt child board ten
inquiry use blade sample bunker trumpet cave crawl swarm next theme valve	stove flip gorilla ethics cause soup rail place shaft pretty attitude enemy
minute segment surge quiz elegant trash unveil traffic flash remember change despair	tomorrow bring much lend explain alpha soldier quit obtain float defense slight
struggle inmate inform discover produce bench ostrich casual donor empty six affair	that wrist service now uphold elder shoe amazing best toddler spider silly
normal flavor siren festival gown similar output dad monster symbol lab answer	gauge trophy pulp sock obey unhappy romance chunk settle hundred steel visual
stand outside yellow rough involve nose trust world erosion trial solid ketchup	kite arrow tip divorce eyebrow ridge witness about tenant gain walnut mercy
tattoo crew adult lamp tube chase message beach knee electric orange old	upset type tank twice patch manage sheriff drift bless fence balcony picture
gravity broken volcano claw usual gospel average rule crisp during recycle arch	