

BIP39 PHRASE ARCHIVE — MAY 22, 2026

As demand grows for faster and less expensive blockchain transactions, Layer 2 scaling solutions have become essential. Among these, optimistic rollups and zero-knowledge (ZK) rollups are two of the most prominent approaches for improving throughput on networks such as Ethereum. Both systems aim to bundle multiple transactions off-chain and submit them to the main chain as single proofs, dramatically increasing system efficiency. However, their mechanisms and trade-offs are distinct. Optimistic rollups operate under the assumption that all submitted transactions are valid by default, and only invoke computation on-chain when an invalid transaction is suspected. To safeguard against fraud, there is a challenge window where anyone can contest the transaction by providing evidence. While optimistic rollups are easier to implement and support EVM-compatible smart contracts, their reliance on a challenge period can introduce delays in finalizing transactions, typically ranging from a few minutes to a week for full withdrawals. On the other hand, ZK-rollups leverage zero-knowledge proofs to instantly validate the correctness of all rolled-up transactions. This cryptographic method makes fraud impossible rather than just unprofitable. ZK-rollups confirm validity as soon as a proof is generated and verified on-chain, enabling near-instant withdrawals and finality. However, generating ZK-proofs is computationally intensive and currently limits smart contract compatibility; most current ZK-rollup projects support simple transactions with limited programmability, though this is rapidly evolving. In summary, optimistic rollups offer broader compatibility and simpler deployment at the cost of slower withdrawals and theoretical vulnerability to fraud during the challenge period, while ZK-rollups deliver higher security and faster finality with greater technical complexity. Ultimately, as scaling technology progresses, we are likely to see both approaches coexist and complement each other, providing users and developers with a spectrum of solutions tailored to their needs.

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CRYPTOGRAPHIC SEED PHRASES

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CRYPTOGRAPHIC SEED PHRASES

- 1) trick ceiling veteran wisdom void alien time charge unable acid race paddle
- 2) suffer various mother wish embody grass cream hurdle fine theory act off
- 3) escape axis daring any angle lens sister mandate skirt until supply chronic
- 4) pelican item exist couch inquiry onion mansion tired win wrist diagram assist
- 5) decorate weasel stomach onion ethics air fossil oblige lion record foot milk
- 6) mad jaguar output high journey spike shove predict dinner fit civil much
- 7) draw tone urban attitude mirror couple reject trap tool velvet burst rigid
- 8) bring trial trash pulp connect prison trick certain roast urban route stairs
- 9) infant rookie force embody nuclear smooth plastic sad foam note engage adult
- 10) error prison message ostrich lady antenna flavor brain vapor glad jelly license
- 11) tape fury provide boost belt feature giant lobster rifle public extend biology
- 12) magic doctor dose chapter civil wave safe coconut december joy wheat bench
- 13) prefer lawsuit naive age youth quarter weather ozone dress gorilla today legal
- 14) object bicycle local fold cloud become pelican barely salad scan six valley
- 15) law symbol short scrap because build tag brand unveil devote shuffle tape
- 16) grace ahead crawl essay guide dirt idea select require same give aunt
- 17) measure sense nation journey lobster nose trial sunset behave coral orbit chest
- 18) eyebrow juice more debate jealous grass oppose tree okay update calm excess
- 19) voyage length hand library bamboo flock high lyrics session tonight cancel grace
- 20) turn custom pause help glide lend cigar stuff address canoe rib birth

CRYPTOGRAPHIC SEED PHRASES

21) cat heart square night tourist federal replace light laugh depart
total desk

22) nut pet month hold miracle pudding empower giggle perfect skin
base loyal

23) train rhythm such zone goddess happy glory area thrive step
business perfect

24) fury camera term atom book brother cliff choice scissors friend
bean erode

25) south cloud will comfort quick next novel insane isolate glide
bag team

26) into actual sting april grace curtain category laugh badge dust
guess trophy

27) wood smoke round appear shuffle web sea lobster move market
jungle hybrid

28) income exclude home valley love layer palm harvest useless visit
pill joke

29) must denial era ready alert journey wear coin pupil text column
wild

30) will match crash lamp tourist pelican olympic swim off salute
coin maid

31) aisle reveal obey planet trip panel rain wrong unfair tone junk
call

32) skate brass dad opera year mention slush pen smooth left affair
inject

33) climb scrap oblige home sunset anxiety error rack gain demand
settle grid

34) harbor judge thunder inspire hungry short since unaware planet
crystal much time

35) code manual tilt denial cannon hello vault inject coach trend
orbit vote

36) index moon pole shallow any affair crisp pretty pumpkin resource
decrease cute

37) quick cruel eye head cover scan armor extend moon inhale forest
type

38) evolve side address rhythm right sort pumpkin collect lumber soul
antenna border

39) metal autumn taxi argue always ecology book stadium ignore tooth
garment stone

40) cute reason crawl regular gather maximum firm defense volume
control main peasant

CRYPTOGRAPHIC SEED PHRASES

- 41) dilemma print pelican trap captain long venue frequent salt table
siege again
- 42) custom junior key rely tip ranch learn live cement cinnamon
rebuild club
- 43) heart immune hello crew clock reopen ivory blouse mixed bread
smile street
- 44) quality drama point desk fossil amount awkward giant oxygen orbit
divorce gift
- 45) wolf siren hedgehog siege select comic winner print vibrant horn
casual interest
- 46) cricket feel enjoy frog heavy quick repeat theme bless wish bulb
brick
- 47) net scorpion track husband actress about escape cactus run permit
rice doctor
- 48) close kind warrior erase seek clip zero actual latin sorry salad
element
- 49) alert blind unique title seven immune gossip able warm sand
arrive state
- 50) occur taxi van eager police green know quit dust burden glare
bonus
- 51) husband robot verb october romance mesh lonely olympic zero
mistake bullet husband
- 52) model crunch jaguar middle sting among slight marble cable
satoshi artefact enjoy
- 53) zero frequent meadow rate menu suggest soon such popular sing
wisdom afraid
- 54) frost walk sting dust ability mother crew trend clog water again
quarter
- 55) seminar nature tackle stereo unfold universe truth region motor
smoke blouse route
- 56) rescue garlic mystery thumb various scheme mom ladder charge busy
dinner infant
- 57) pretty strike ensure vivid snap grape media cable change true
forum solution
- 58) install payment later wheel frost napkin make result autumn high
budget electric
- 59) please flush panic happy order silent allow asset earth theme
fork dune
- 60) panda laundry choose catch flight pudding stage airport couch
tonight nature produce

SEE ALSO

- [Understanding Layer 2 Scaling Solutions — BIP39 Seed Phrases \(April 02, 2026\) \(2026-04-02\)](#)
- [Ethereum and Smart Contracts Explained — BIP39 Seed Phrases \(April 23, 2026\) \(2026-04-23\)](#)
- [seed-phrase-list-eng-21-march-2025.pdf \(eng-21-march\)](#)
- [seed-phrase-2025-05-29-en.pdf \(2025-05-29\)](#)

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