

Wallet Drainers: The New Crypto Threat Targeting Web3 Users

August 15, 2026 • Document #357 • bip39-pharse.com



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Wallet drainers are malicious smart contracts designed to transfer a victim's cryptocurrency and NFTs to an attacker's address in a single transaction. Unlike traditional phishing schemes that steal login credentials, wallet drainers operate directly on the blockchain, executing asset transfers the moment a user signs a deceptive transaction request. Once confirmed, these transfers are irreversible.

How Wallet Drainers Work

Attackers typically deploy wallet drainers through fake minting websites, compromised Discord servers, or spoofed protocol interfaces. A victim visits what appears to be a legitimate NFT drop or token claim page and connects their wallet. The site then prompts them to sign a transaction — often disguised as an approval or verification step — that actually grants the drainer contract unlimited spending permissions over the wallet's assets.

Some sophisticated variants use the `setApprovalForAll` function on ERC-721 and ERC-1155 contracts, giving attackers blanket access to entire NFT collections. Others exploit Permit signatures, which allow token transfers without requiring a separate on-chain approval transaction, making the attack harder to detect in real time.

Scale and Financial Impact

The financial damage from wallet drainers has grown sharply since 2022. Security firm Scam Sniffer reported that drainer attacks stole over \$300 million from nearly 325,000 victims in 2023 alone. High-profile incidents include the compromise of Ledger's ConnectKit library in December 2023, which briefly injected drainer code into multiple legitimate DeFi front-ends simultaneously, and the repeated targeting of Ethereum Name Service and Bored Ape Yacht Club communities through fake airdrop campaigns.

Drainer kits are now sold as subscription services on underground forums, with operators taking a percentage cut — typically 20 to 30 percent — of stolen funds. This malware-as-a-service model has lowered the technical barrier for conducting attacks, expanding the pool of potential criminals.

Recognizing and Avoiding Drainer Attacks

Several behavioral red flags indicate a potential drainer site. Unsolicited minting opportunities promoted through social media or direct messages carry elevated risk. URLs that closely mimic legitimate project domains — substituting letters or adding hyphens — are a common tactic. Any transaction request that asks for `setApprovalForAll` or unlimited token allowances on an unfamiliar site warrants immediate suspicion.

Hardware wallets provide partial protection because they display transaction details on a separate screen, but they do not prevent users from signing malicious approvals if the user confirms without carefully reviewing the data. Browser extensions such as Pocket Universe, Fire, or Revoke.cash's transaction simulation tools can decode and flag suspicious transaction parameters before signing occurs.

Regularly auditing wallet permissions using tools like Revoke.cash or Etherscan's token approval checker is a practical defensive measure. Revoking unnecessary approvals reduces the attack surface, particularly after interacting with new or experimental protocols.

The emergence of wallet drainers reflects a broader shift in crypto-focused cybercrime toward exploiting user behavior and smart contract mechanics rather than breaking cryptographic security. Technical literacy and transaction hygiene remain the most reliable defenses available to individual users.

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RANDOM MNEMONIC WORD SETS

Below is a set of 45 randomly generated 12-word mnemonic sequences built from the official BIP39 wordlist.

- oxygen ability eternal around slender apart left aim session couple young guitar
- narrow shock adjust dinosaur fluid similar family convince border invest bitter gloom
- kid monster tortoise since please length fever jump method build engage market
- spring office hour blame belt benefit chimney catch chair length peace announce
- stuff depart attitude album verb vivid large piano wood tool oxygen volume
- dragon empty unfold iron chuckle endorse grit gloom panda fashion help design
- fox jealous treat promote tortoise ocean phone since beyond bind vote space
- mistake chuckle bunker cool clinic heart wall outdoor winner fashion coil hen
- kick december truck clock social trade slice dignity help pitch jungle camp
- where rocket vacuum pole add riot crane screen horn pioneer arrest angle
- text move behave pipe obvious borrow parade label metal success puzzle corn
- monitor sure cement try wait canoe transfer layer car indoor captain aim
- session empty cream toe evolve dad improve suspect learn property inform foot
- visit window observe tragic glad cancel capable indicate phone observe surround ecology
- trade accident damp banner learn salt magic door latin label limit matter
- turtle simple ritual tortoise company average alert pool near lion will oil
- moral analyst aspect arrive scorpion audit media output around youth easily region
- long blade rely fit rebuild owner assist furnace luxury pumpkin worth slogan
- merry tissue achieve axis rescue evil use shoe large machine gym innocent
- razor document rescue wine faint burst assist embrace early chronic remove trend
- leader cost alter destroy calm tired neither all fabric mixture smart sponsor
- indicate logic joy tennis casino ticket radar awake when buddy outdoor rifle
- school come oak upon poet child derive glance solve pyramid away depth
- matrix burger strong trust drink luggage auction body auto globe beef genius
- fancy wear simple type gadget virtual search abuse moment panel hello monkey
- together limb robot salon village duty source raven bamboo magnet early vapor
- want solar skin cushion ill isolate dose slush young opera treat ski
- smile forum defense sorry cargo next one ketchup harsh equip shoot ankle
- ability imitate assume scale toast promote figure cube start peace liar noise
- lecture dragon business mix bicycle canyon forest leopard despair enter wise tornado
- hybrid clutch viable better dolphin benefit cage wasp purpose require maze account

RANDOM MNEMONIC WORD SETS

- joke broken powder lyrics hole dice beach when shove trouble believe slight
- grass breeze used just total document wool sock mad slice depart inject
- gym denial buddy spider wood love verify tooth pupil rent skin young
- argue candy trip shrug shaft sure captain mansion paper favorite opinion trial
- business vintage seed inner merit gentle desert ridge plunge tank unique chair
- review infant walnut gift stable trigger two unable warrior artist flower accident
- bar canyon tape floor view olympic pill slice depth ginger act fix
- hover tooth media utility license game husband know seat tray oblige myself
- skirt apple act label such define desk tennis lottery evoke evidence round
- thumb visa lady interest diet taste drip lawn hill will obey position
- lumber involve permit tennis cry envelope original antique salt fee treat innocent
- keen pink label ill uphold shy march airport omit wall hill era
- unaware tank approve strategy action vapor miracle mango mass pottery cheap blur
- trigger wedding surround fish popular quality there chunk silver ice client suggest

SEE ALSO

- [Wallet Drainers: The New Crypto Threat — BIP39 Seed Phrases \(June 20, 2026\) \(2026-06-20\)](#)
- [How Whale Movements Affect Crypto Prices — BIP39 Seed Phrases \(June 24, 2026\) \(2026-06-24\)](#)
- [The Rise of Play-to-Earn Crypto Games: Revolutionizing Digital Entertainment — BIP39 Seed Phrases \(April 13, 2026\) \(2026-04-13\)](#)
- [what-is-infura-bip39-phrase_2025-11-12.pdf \(bip39-phrase_2025-11\)](#)

Educational examples only. Randomly generated, not valid wallet phrases - never use them to store funds. Details: bip39-phrase.com/security/