### Introduction

- Alchemy API Reference Overview
  - Chain APIs Overview
- Enhanced APIs Overview
- Alchemy Quickstart Guide

#### Resources

- FAQ
- - Feature Support By Chain
- Throughput
- \_
- Batch Requests
- Gas Limits
- Error Reference
- Compute Units
- .
  - Pricing Plans
  - Compute Unit Costs

#### **NFT API**

- NFT API Quickstart
- NFT API Endpoints Overview
- NFT API FAQ
- Ownership & Token Gating
- getNFTsForOwner get
  - getOwnersForNFT get
- getOwnersForContract get
- isHolderOfContract get
- getContractsForOwner get
- getCollectionsForOwner get
- NFT Metadata Access
  - getNFTMetadata get
  - getNFTMetadataBatch post
- getContractMetadata get
- getCollectionMetadata get
- invalidateContract get
- getContractMetadataBatch post
- getNFTsForContract get
- getNFTsForCollection get
  - searchContractMetadata get
- refreshNftMetadata post

- **Spam Detection**  getSpamContracts get isSpamContract get isAirdropNFT get reportSpam get Rarity Data • summarizeNFTAttributes get computeRarity get Sales & Marketplace Data

  - - getFloorPrice get
    - getNFTSales get
  - NFT API V2 to V3 Migration Guide
  - NFT API V2 vs. V3 Endpoint Differences
  - NFT API V2 Methods (Older Version)
    - getNFTs get
    - getNFTMetadata get
    - getNFTMetadataBatch post
  - getContractMetadata get
  - getContractMetadataBatch post
  - getNFTsForCollection get
  - getOwnersForToken get
  - getOwnersForCollection get
  - getSpamContracts get
  - isSpamContract get
    - isAirdrop get
  - · invalidateContract get
  - getFloorPrice get
  - computeRarity get
  - searchContractMetadata get
  - summarizeNFTAttributes get
  - isHolderOfCollection get
  - getNFTSales get
  - getContractsForOwner get
    - reportSpam get

# **Transfers API (Tx History)**

- Transfers API Quickstart
- **Transfers API Endpoints**

alchemy getAssetTransfers post

### **Transaction Receipts API**

- **Transaction Receipts Endpoints** 
  - alchemy getTransactionReceipts post

### **Token API**

- Token API Quickstart
- Token API Endpoints
- - alchemy getTokenBalances post
  - alchemy\_getTokenMetadata post
  - alchemy getTokenAllowance post

### **Subgraphs**

- Subgraphs Quickstart
- Supported Subgraph Chains
- Developing a Subgraph
  - Graph CLI
  - · Creating a Subgraph
  - Project Structure
- Data Sources
- Writing Mappings
- Moving your Subgraph to Production
  - Deploying a Subgraph
  - Subgraph Versioning
- · Querying a Subgraph
- Deleting a Subgraph
- Direct Database Access
- Community subgraphs

#### Webhooks

- Notify API Quickstart
  - Notify Tutorials and Applications
  - Notify API FAQ
- **Custom Webhooks Quickstart** 
  - Custom Webhooks FAQ
- Custom Webhooks GraphQL Examples
- Custom Webhook Filters
- Custom Webhook Variables
- Custom Webhook API Methods

- Read Variable Elements get Create a Variable post • Delete a Variable delete Update a Variable patch Notify API Methods Get all webhooks get · Get all addresses for an Address Activity webhook get Create webhook post · Add and remove webhook addresses patch
  - - · Replace webhook addresses put
    - Update webhook status put
  - Update webhook NFT filters patch
  - Update NFT metadata webhook filters patch
  - Get all webhook NFT filters get

  - Delete webhook delete
  - Webhook Types
    - Custom Webhook
    - Address Activity Webhook
  - Mined Transaction Webhook
  - Dropped Transaction Webhook
    - NFT Activity Webhook
    - NFT Metadata Updates Webhook

### Websockets

- **Subscription API Quickstart**
- Best Practices for Using WebSockets in Web3
- Subscription API Endpoints
  - alchemy minedTransactions
  - alchemy pendingTransactions
- newPendingTransactions
- newHeads
  - logs

### Trace API

- Trace API Quickstart
- Trace API Endpoints
  - trace block post
- trace\_call post

- trace\_get post
- trace\_rawTransaction post
- trace replayBlockTransactions post
- trace\_replayTransaction post
  - trace transaction post
  - trace\_filter post
- Trace API Resources
  - What are EVM Traces?
  - Trace API vs. Debug API
  - What is trace transaction?
  - What is trace block?
  - What is trace filter?
    - trace call vs debug traceCall

### **Debug API**

- Debug API Quickstart
- Debug API Endpoints
  - debug traceCall post
  - debug traceTransaction post
- debug\_traceBlockByNumber post
- debug\_traceBlockByHash post

#### ACCOUNT ABSTRACTION

- Bundler API Quickstart
- Bundler API Endpoints
  - eth\_getUserOperationReceipt post
- eth\_supportedEntryPoints post
- eth getUserOperationByHash post
- eth sendUserOperation post
  - rundler maxPriorityFeePerGas post
  - eth\_estimateUserOperationGas post
- Bundler API Fee Logic
- Factory Addresses
- Gas Manager Coverage API Quickstart
- Gas Manager Coverage API Endpoints
  - alchemy requestPaymasterAndData post
  - alchemy requestGasAndPaymasterAndData post
- Gas Manager Coverage API Fee Logic
- Gas Manager Deployment Addresses
- <u>UserOperation Simulation Endpoints</u>
  - alchemy simulateUserOperationAssetChanges post

- AA-SDK
- **Account Abstraction FAQ**

### **Embedded Accounts**

- **Accounts API Endpoints**
- Create Account post
- - Send Auth Email post
  - Authenticate User post
  - Get User post
  - Sign Message post
    - Register New Authenticator post

### **Gas Manager Admin API**

- Gas Manager Admin API Quickstart
- Gas Manager Admin API Endpoints
  - Create Policy post
- Get Policy get
- Delete Policy delete
- Replace Policy put
  - Get All Policies get
- Update Policy Status put
- · Get Policy Stats get
- Get Sponsorships get

## **Alchemy Transact**

- **Transact Quickstart**
- **Reinforced Transactions**
- **Transaction Simulation** 
  - Asset Changes
  - Execution Simulation
  - Bundle Simulation
    - Transaction Simulation Examples
- Transaction Simulation FAQs
- **Transaction Simulation Endpoints** 
  - alchemy simulateAssetChanges post
  - alchemy simulateAssetChangesBundle post
- alchemy simulateExecution post
- alchemy\_simulateExecutionBundle post
- **Gas Optimized Transactions** 
  - alchemy\_getGasOptimizedTransactionStatus\_post

alchemy\_sendGasOptimizedTransaction post
 Private Transactions
 eth\_cancelPrivateTransaction post
 eth\_sendPrivateTransaction post

## **Alchemy SDK**

- Alchemy SDK Quickstart
  - How to use Alchemy SDK with Typescript
    - Examples Using the Alchemy SDK
- How to Manage a Multichain Project Using Alchemy SDK
- Alchemy SDK Surface Overview
  - Alchemy SDK vs. Raw API Methods
- SDK Core Methods
  - call SDK
  - send SDK
- estimateGas SDK
  - findContractDeployer SDK
    - getBalance SDK
- getBlock SDK
- getBlockNumber SDK
- getBlockWithTransactions SDK
  - getCode SDK
  - getFeeData SDK
- getGasPrice SDK
- getLogs SDK
- getStorageAt SDK
  - getTokenBalances SDK
- getTokenMetadata SDK
- getTokensForOwner SDK
- getTransactionCount SDK
  - getTransactionReceipt SDK
  - getTransactionReceipts SDK
- isContractAddress SDK
- getAssetTransfers SDK
- SDK NFT Methods
  - getNftsForOwner SDK
- getNftMetadata -SDK

 getNftMetadataBatch - SDK refreshNftMetadata - SDK • getNftSales - SDK searchContractMetadata - SDK • summarizeNftAttributes - SDK • getNftsForOwnerIterator - SDK getNftsForContractIterator - SDK getContractMetadata - SDK getNftsForContract -SDK getTransfersForOwner - SDK • getTransfersForContract - SDK • getMintedNfts - SDK • getOwnersForNft - SDK getOwnersForContract - SDK getSpamContracts -SDK isSpamContract - SDK • refreshContract - SDK getContractsForOwner - SDK • getFloorPrice - SDK • computeRarity - SDK • verifyNftOwnership - SDK **SDK Transact Methods** • getTransaction - SDK sendTransaction - SDK sendPrivateTransaction - SDK cancelPrivateTransaction - SDK waitForTransaction - SDK • estimateGas - SDK • getMaxPriorityFeePerGas - SDK • simulateAssetChanges - SDK • simulateAssetChangesBundle - SDK • simulateExecution - SDK • simulateExecutionBundle - SDK **SDK Debug Methods** 

traceCall - SDK

• traceTransaction - SDK traceBlock - SDK **SDK Notify Methods** getAllWebhooks - SDK • getAddresses - SDK • getNftFilters - SDK • createWebhook - SDK • updateWebhook - SDK • deleteWebhook - SDK **SDK WebSockets Endpoints SDK Ethers Utils** arrayify • formatUnits • concat hexConcat • dnsEncode • hexDataLength formatEther • hexDataSlice • hexStripZeros • hashMessage • isHexString • isValidName • joinSignature splitSignature • toUtf8Bytes <u>hexValue</u> • toUtf8String <u>hexZeroPad</u> • <u>zeroPad</u> hexlify • <u>id</u> isBytes • isBytesLike • Interface

- namehashparseEtherparseUnits
- stripZeros
  Alchemy SDK V2 to V3 Migration Guide
  - Alchemy SDK V2 vs. V3 Method Differences
- SDK V2 Methods
  - call SDK
- getAssetTransfers SDK
  - getMintedNfts SDK
- verifyNftOwnership SDK
- getOwnersForNft SDK
- computeRarity SDK
- getTransfersForContract SDK
  - getNftsForOwner SDK
  - refreshContract SDK
- getOwnersForContract SDK
  - getFloorPrice SDK
  - isSpamContract SDK
- findContractDeployer -SDK
- getSpamContracts SDK
- getGasPrice SDK
- getBalance SDK
  - getBlock -SDK
- getBlockWithTransactions SDK
- estimateGas SDK
- getBlockNumber SDK
- getCode SDK
- getFeeData SDK
- getLogs SDK
- getNftMetadataBatch SDK
- getTokensForOwner SDK
  - getStorageAt SDK
- getTokenBalances SDK
- getTransactionCount SDK

- getTokenMetadata SDK
- getTransactionReceipt SDK
- send SDK
- getTransactionReceipts SDK
  - getTransaction SDK
  - isContractAddress SDK
- getNftMetadata SDK
- getNftSales SDK
  - cancelPrivateTransaction SDK
- sendPrivateTransaction SDK
- traceTransaction SDK
- simulateExecutionBundle SDK
- simulateExecution SDK
- getMaxPriorityFeePerGas SDK
- simulateAssetChangesBundle SDK
- estimateGas SDK
- simulateAssetChanges SDK
  - traceBlock SDK
  - waitForTransaction SDK
- traceCall SDK
- sendTransaction SDK
- updateWebhook SDK
  - refreshNftMetadata -SDK
- createWebhook SDK
- getNftFilters SDK
- getAddresses SDK
- summarizeNftAttributes SDK
- deleteWebhook SDK
- searchContractMetadata SDK
- getAllWebhooks SDK
- getNftsForOwnerIterator SDK
  - getNftsForContractIterator -SDK
- getContractMetadata SDK
- getTransfersForOwner SDK
  - gotin

#### **Ethereum**

- Ethereum API Quickstart
- Ethereum API FAQ
- Ethereum Developer Guide to the Merge
  - How to decode an eth call response
- How do I distinguish between a contract address and a wallet address?
- Ethereum API Endpoints
- eth\_blockNumber Ethereum post
- eth\_getBalance Ethereum post
  - eth\_getLogs Ethereum post
  - eth\_chainId Ethereum post
  - eth\_getBlockByNumber Ethereum post
- eth\_accounts Ethereum post
- eth\_feeHistory Ethereum post
- eth estimateGas Ethereum post
  - eth gasPrice Ethereum post
  - eth\_getBlockTransactionCountByHash Ethereum post
- eth\_getBlockReceipts Ethereum post
- eth\_getBlockTransactionCountByNumber Ethereum post
- eth\_getCode Ethereum post
- eth\_getProof Ethereum post
- eth\_getStorageAt Ethereum post
  - eth\_getTransactionByBlockHashAndIndex Ethereum post
- eth\_getTransactionByHash Ethereum post
  - eth\_getTransactionCount Ethereum post
- eth\_getTransactionReceipt Ethereum post
- eth\_getUncleByBlockHashAndIndex Ethereum post
- eth\_getUncleByBlockNumberAndIndex Ethereum post
  - eth\_getUncleCountByBlockHash Ethereum post
  - eth\_getUncleCountByBlockNumber Ethereum post
- eth\_maxPriorityFeePerGas Ethereum post
- eth\_protocolVersion Ethereum post
- eth\_sendRawTransaction Ethereum post
  - net\_listening Ethereum post

- net version Ethereum post
- web3\_clientVersion Ethereum post
- web3 sha3 Ethereum post
- eth\_getTransactionByBlockNumberAndIndex Ethereum post
  - eth\_call Ethereum post
  - eth\_getBlockByHash Ethereum post
- eth\_createAccessList Ethereum post
- eth newFilter Ethereum post
  - · eth\_getFilterChanges Ethereum post
  - eth getFilterLogs Ethereum post
  - all and Dischelling Ethanson
- eth\_newBlockFilter Ethereum post
- eth\_newPendingTransactionFilter Ethereum post
- eth\_uninstallFilter Ethereum post
  - eth\_subscribe
- eth unsubscribe

### **Polygon PoS**

- Polygon PoS API Quickstart
- Polygon SDK Examples
- Polygon PoS API FAQ
- Polygon PoS API Endpoints
  - bor\_getAuthor Polygon PoS post
    - bor\_getCurrentProposer Polygon PoS post
  - bor\_getCurrentValidators Polygon PoS post
- bor\_getRootHash Polygon PoS post
- eth\_accounts Polygon PoS post
  - eth\_call Polygon PoS post
  - eth\_chainId Polygon PoS post
- eth\_estimateGas Polygon PoS post
  - eth\_gasPrice Polygon PoS post
  - eth\_getBalance Polygon PoS post
- eth\_getBlockByHash Polygon PoS post
- eth\_getBlockByNumber Polygon PoS post
- eth\_getBlockTransactionCountByHash Polygon PoS post
- eth\_getBlockTransactionCountByNumber Polygon PoS post
  - eth\_getCode Polygon PoS post

- eth\_getFilterChanges Polygon PoS post
- eth\_getFilterLogs Polygon PoS post
  - eth\_getLogs Polygon PoS post
  - eth\_getRootHash Polygon PoS post
  - eth\_getSignersAtHash Polygon PoS post
  - eth\_getStorageAt Polygon PoS post
- eth\_getTransactionByBlockHashAndIndex Polygon PoS post
- eth\_getTransactionByBlockNumberAndIndex Polygon PoS post
  - eth\_getTransactionByHash Polygon PoS post
  - eth\_getTransactionCount Polygon PoS post
  - eth getTransactionReceipt Polygon PoS post
  - eth\_getTransactionReceiptsByBlock Polygon PoS post
    - eth\_sendRawTransaction Polygon PoS post
    - eth\_uninstallFilter Polygon PoS post
  - net\_listening Polygon PoS post
- eth\_getUncleCountByBlockHash Polygon PoS post
- eth\_getUncleCountByBlockNumber Polygon PoS post
  - eth\_newBlockFilter Polygon PoS post
  - eth\_newFilter Polygon PoS post
- eth\_newPendingTransactionFilter Polygon PoS post
- web3\_clientVersion Polygon PoS post
- eth\_createAccessList Polygon PoS post
  - eth\_blockNumber Polygon PoS post
- bor\_getSignersAtHash Polygon PoS post
- net\_version Polygon PoS post
- eth\_getProof Polygon PoS post
  - eth\_getUncleByBlockNumberAndIndex Polygon PoS post
  - eth\_subscribe Polygon PoS
    - eth unsubscribe Polygon PoS

### Polygon zkEVM

- Polygon zkEVM API Quickstart
- Polygon zkEVM API FAQ
  - What is the difference between Polygon zkEVM and Ethereum?
  - What is the difference between Polygon zkEVM and Polygon PoS?
- Polygon zkEVM Endpoints

- eth\_getTransactionCount Polygon zkEVM post
- eth\_call Polygon zkEVM post
- eth\_chainId Polygon zkEVM post
- eth\_newBlockFilter Polygon zkEVM post
  - eth\_estimateGas Polygon zkEVM post
  - eth\_newFilter Polygon zkEVM post
- eth\_gasPrice Polygon zkEVM post
- eth\_sendRawTransaction Polygon zkEVM post
  - eth\_getBalance Polygon zkEVM post
- eth uninstallFilter Polygon zkEVM post
- - eth\_getBlockByHash Polygon zkEVM post
  - net\_version Polygon zkEVM post
  - eth\_getBlockByNumber Polygon zkEVM post
  - web3\_clientVersion Polygon zkEVM post
  - eth\_getBlockTransactionCountByHash Polygon zkEVM post
  - eth\_getBlockTransactionCountByNumber Polygon zkEVM post
- zkevm batchNumber Polygon zkEVM post
  - eth\_getCode Polygon zkEVM post
  - eth\_getFilterChanges Polygon zkEVM post
- eth\_getFilterLogs Polygon zkEVM post
- zkevm\_getBatchByNumber Polygon zkEVM post
- eth\_getLogs Polygon zkEVM post
  - zkevm\_getBroadcastURI Polygon zkEVM post
- eth\_getStorageAt Polygon zkEVM post
- zkevm\_isBlockConsolidated Polygon zkEVM post
- eth\_getTransactionByBlockHashAndIndex Polygon zkEVM post
  - zkevm\_isBlockVirtualized Polygon zkEVM post
  - eth\_getTransactionByBlockNumberAndIndex Polygon zkEVM post
- zkevm\_verifiedBatchNumber Polygon zkEVM post
- eth\_getTransactionByHash Polygon zkEVM post
- zkevm\_virtualBatchNumber Polygon zkEVM post
  - eth\_getCompilers Polygon zkEVM post
  - eth\_getUncleByBlockHashAndIndex Polygon zkEVM post
- eth\_getUncleByBlockNumberAndIndex Polygon zkEVM post
- .

- eth\_getUncleCountByBlockHash Polygon zkEVM post
- eth\_getUncleCountByBlockNumber Polygon zkEVM post
- eth\_protocolVersion Polygon zkEVM post
  - eth\_blockNumber Polygon zkEVM post
  - eth\_getTransactionReceipt Polygon zkEVM post
  - zkevm\_batchNumberByBlockNumber Polygon zkEVM post
- zkevm\_consolidatedBlockNumber Polygon zkEVM post
- zkevm\_estimateFee API Polygon zkEVM post
  - zkevm\_estimateGasPrice API Polygon zkEVM post

### **Arbitrum**

- · Arbitrum API Quickstart
  - Arbitrum SDK Examples
- Arbitrum API FAQ
- Arbitrum vs. Ethereum API Differences
- Arbitrum API Endpoints
  - eth\_call Arbitrum post
  - eth\_estimateGas Arbitrum post
- eth\_accounts Arbitrum post
- eth blockNumber Arbitrum post
- eth\_chainId Arbitrum post
  - eth\_gasPrice Arbitrum post
  - eth\_getBalance Arbitrum post
- eth\_getBlockTransactionCountByHash Arbitrum post
- eth\_getBlockTransactionCountByNumber Arbitrum post
- eth\_getCode Arbitrum post
  - eth getFilterChanges Arbitrum post
- eth\_getFilterLogs Arbitrum post
- eth\_getLogs Arbitrum post
  - eth\_getStorageAt Arbitrum post
  - eth\_getTransactionByBlockHashAndIndex Arbitrum post
  - eth\_getTransactionCount Arbitrum post
- eth\_getUncleByBlockNumberAndIndex Arbitrum post
- eth\_getUncleCountByBlockHash Arbitrum post
- eth\_getUncleCountByBlockNumber Arbitrum post
  - eth\_newBlockFilter Arbitrum post

- eth\_newFilter Arbitrum post
- eth\_newPendingTransactionFilter Arbitrum post
- eth\_uninstallFilter Arbitrum post
- net\_listening Arbitrum post
- net\_version Arbitrum post
- web3\_clientVersion Arbitrum post
- web3\_sha3 Arbitrum post
- eth sendRawTransaction Arbitrum post
  - eth\_createAccessList Arbitrum post
  - eth maxPriorityFeePerGas Arbitrum post
- eth\_feeHistory Arbitrum post
- eth\_getBlockByHash Arbitrum post
  - eth\_getBlockByNumber Arbitrum post
  - eth\_getTransactionByBlockNumberAndIndex Arbitrum post
  - eth\_getTransactionByHash Arbitrum post
- eth\_getProof Arbitrum post
  - eth\_getTransactionReceipt Arbitrum post
  - eth\_getUncleByBlockHashAndIndex Arbitrum post
  - eth\_subscribe
  - eth unsubscribe

## **Optimism**

- Optimism API Quickstart
  - Optimism SDK Examples
- Optimism API FAQ
  - Optimism Error Codes
- Optimism API Endpoints
  - eth\_call Optimism post
  - eth\_estimateGas Optimism post
  - eth\_accounts Optimism post
  - eth\_blockNumber Optimism post
  - eth\_chainId Optimism post
  - eth\_gasPrice Optimism post
  - eth\_getBalance Optimism post
- eth\_getBlockTransactionCountByHash Optimism post
  - eth\_getBlockTransactionCountByNumber Optimism post

- eth\_getCode Optimism post
- eth\_getFilterChanges Optimism post
- eth\_getFilterLogs Optimism post
- eth\_getLogs Optimism post
- eth\_getStorageAt Optimism post
- eth\_getTransactionByBlockHashAndIndex Optimism post
- eth\_getTransactionByBlockNumberAndIndex Optimism post
- eth\_getTransactionByHash Optimism post
  - eth\_getTransactionCount Optimism post
  - eth\_getTransactionReceipt Optimism post
  - eth\_getUncleByBlockHashAndIndex Optimism post
- eth\_getUncleByBlockNumberAndIndex Optimism post
- eth\_getUncleCountByBlockHash Optimism post
- eth\_getUncleCountByBlockNumber Optimism post
- eth\_newBlockFilter Optimism post
- eth\_newFilter Optimism post
- eth\_newPendingTransactionFilter Optimism post
  - eth\_protocolVersion Optimism post
  - eth\_sendRawTransaction Optimism post
- eth\_syncing Optimism post
  - eth\_uninstallFilter Optimism post
- net\_listening Optimism post
  - net\_version Optimism post
- web3\_clientVersion Optimism post
- web3\_sha3 Optimism post
- eth\_getBlockByHash Optimism post
- eth\_getBlockByNumber Optimism post
  - eth\_getProof Optimism post
- eth\_subscribe
- eth\_unsubscribe

#### **Base**

- Base API Quickstart
- Base API FAQ
- Base API Endpoints
- •
- eth\_accounts Base post

- eth\_blockNumber Base post
- eth\_call Base post
- eth\_chainId Base post
- eth\_estimateGas Base post
  - eth\_feeHistory Base post
  - eth\_gasPrice Base post
- eth\_getBalance Base post
- eth\_getBlockByHash Base post
- eth\_getBlockByNumber Base post
- eth\_getBlockTransactionCountByHash Base post
- eth\_getBlockTransactionCountByNumber Base post
- eth\_getCode Base post
- eth\_getFilterChanges Base post
- eth\_getFilterLogs Base post
- eth\_getLogs Base post
- eth\_getProof Base post
- eth\_getStorageAt Base post
  - eth\_getTransactionByBlockHashAndIndex Base post
- eth\_getTransactionByBlockNumberAndIndex Base post
- eth\_getTransactionByHash Base post
- eth\_getTransactionCount Base post
- eth getTransactionReceipt Base post
- eth\_getUncleByBlockHashAndIndex Base post
- eth\_getUncleByBlockNumberAndIndex Base post
- eth\_getUncleCountByBlockHash Base post
- eth\_getUncleCountByBlockNumber Base post
- eth\_maxPriorityFeePerGas Base post
- eth\_newBlockFilter Base post
- eth\_newFilter Base post
- eth\_newPendingTransactionFilter Base post
- eth\_protocolVersion Base post
  - eth\_sendRawTransaction Base post
- eth\_syncing Base post
- eth uninstallFilter Base post
- otti\_drimotam iitor \_bacc pot

- net\_listening Base post
- web3\_sha3 Base post

#### \* Solana

- Solana API Quickstart
- Solana API FAQ
- Solana API Endpoints
- •
- getAccountInfo post
- •
- simulateTransaction post
- .
- getBalance post
- - getBlock post
- getBlockCommitment post
  - getBlockProduction post
- getBlocks post
- getBlocksWithLimit post
- getBlockTime post
- •
- getClusterNodes post
- getEpochInfo post
- getEpochSchedule post
- getFeeForMessage post
- getFirstAvailableBlock post
  - getGenesisHash post
- getHealth post
- getHighestSnapshotSlot post
- getIdentity post
- getInflationGovernor post
- getInflationRate post
- getInflationReward post
- getLargestAccounts post
- getMaxRetransmitSlot post
- getMaxShredInsertSlot post
- getMinimumBalanceForRentExemption post
- getMultipleAccounts post
- getProgramAccounts post
- getRecentPerformanceSamples post
- getSignaturesForAddress post

- getSignatureStatuses post
- getSlot post
- getSlotLeader post
- getSlotLeaders post
  - getSupply post
- getTokenAccountBalance post
- getTokenAccountsByOwner post
- getTokenSupply post
  - getTransaction post
  - ....
- getVersion post
  - getVoteAccounts post
  - isBlockhashValid post
- minimumLedgerSlot post
- sendTransaction post
  - requestAirdrop post
- getBlockHeight post
  - getRecentBlockhash post

### **Astar**

- Astar API Quickstart
- Astar API FAQ
- Astar API Endpoints
  - eth\_accounts Astar post
  - eth\_getTransactionReceipt Astar post
  - eth\_maxPriorityFeePerGas Astar post
- eth\_blockNumber Astar post
  - eth\_call Astar post
- eth\_chainId Astar post
- eth\_gasPrice Astar post
- eth\_getBalance Astar post
  - eth\_getBlockByHash Astar post
  - eth\_getBlockByNumber Astar post
- eth\_getBlockTransactionCountByHash Astar post
- eth\_getBlockTransactionCountByNumber Astar post
- eth\_getCode Astar post
  - eth\_getStorageAt Astar post

- eth\_getTransactionByBlockHashAndIndex Astar post
- eth\_getTransactionByBlockNumberAndIndex Astar post
- eth\_getTransactionByHash Astar post
- eth\_getTransactionCount Astar post
- eth\_getUncleByBlockNumberAndIndex Astar post
- eth\_sendRawTransaction Astar post
- net\_version Astar post
- web3 clientVersion Astar post
  - web3\_sha3 Astar post
- - eth\_getLogs Astar post
    - eth\_getFilterChanges Astar post
- eth\_getFilterLogs Astar post
- eth\_newFilter Astar post
  - eth\_newPendingTransactionFilter Astar post
  - eth\_uninstallFilter Astar post
- eth\_newBlockFilter Astar post
- eth estimateGas Astar post
- eth\_subscribe
  - eth\_unsubscribe

#### **STARKNET**

- Starknet API Quickstart
- Starknet API FAQ
- Starknet API Endpoints
  - starknet\_addDeclareTransaction post
- starknet\_getClassAt post
  - starknet\_addDeployAccountTransaction post
- starknet\_getClassHashAt post
- starknet\_addInvokeTransaction post
- starknet\_getEvents post
  - starknet blockHashAndNumber post
  - starknet\_getNonce post
- starknet\_blockNumber post
- starknet\_getStateUpdate post
- -
- starknet\_call post
- starknet\_getStorageAt post

- starknet chainld post
- starknet\_getTransactionByBlockIdAndIndex post
- starknet estimateFee post
- - starknet\_getTransactionByHash post
  - starknet\_getBlockTransactionCount post
  - starknet\_getTransactionReceipt post
- starknet\_getBlockWithTxHashes post
- - starknet\_pendingTransactions post
    - starknet\_getBlockWithTxs post
  - starknet syncing post
- - starknet\_getClass post
  - starknet\_estimateMessageFee post

## **Bundle Simulation**

Simulates multiple transactions sequentially.

Try it out <u>alchemy simulateAssetChangesBundle</u> and alchemy <u>simulateExecutionBundle</u>. WithAsset Changes and Execution Simulation, you are able to simulate 1 transaction and get asset changes, decoded logs, decoded traces and

What about simulating multiple transactions sequentially?

For 3 transactions (t1, t2, t3), think of being able to:

- use output of simulating t1 as input to simulating t2
- use output of simulating t2 as input to simulating t3

The current bundle limit is 3 transactions. 4500 CU cost.

Updated 5 months ago

Execution Simulation Transaction Simulation Examples Did this page help you?Yes No