Get EIP-1559 gas prices

Returns the estimated EIP-1559 gas fees for the specified blockchain network.

GET https://gas.api.infura.io/networks{chainId}/suggestedGasFees

Parameters

Path :

- chainId
- :string
-
  - ID of the chain to query.

Returns

Recommended gas price details based of the level of urgency:

- low
- ,medium
- ,high
- :Object
- containing recommended values for transactions by level of urgency:* suggestedMaxPriorityFeePerGas
-
  - :string
-
  -
    - The maximum suggested priority fee per gas to pay to have transactions
-
  - included in a block.
-
  - suggestedMaxFeePerGas
-
  - :string
-
  -
    - The maximum suggested total fee per gas to pay, including both the base fee and
-
  - the priority fee.
-
  - minWaitTimeEstimate
-
  - :number
-
  -
    - The minimum estimated wait time (in milliseconds) for a transaction to be included
-
  - in a block at the suggested gas price.
-
  - maxWaitTimeEstimate
-
  - :number
-
  -
    - The maximum estimated wait time (in milliseconds) for a transaction to be included
-
  - in a block at the suggested gas price.
- estimatedBaseFee
- :string
-
  - The current estimated base fee per gas on the network.
- networkCongestion
- :number
-
  - The current congestion on the network, represented as a number between0
- and1

- .
- A lower network congestion score (for example0.1
-), indicates that fewer transactions are being submitted, so it's
- cheaper to validate transactions.
- latestPriorityFeeRange
- :array
-
  - The range of priority fees per gas for recent transactions on the network.
- historicalPriorityFeeRange
- :array
-
  - The range of priority fees per gas for transactions on the network over a historical period.
- historicalBaseFeeRange
- :array
-
  - The range of base fees per gas on the network over a historical period.
- priorityFeeTrend
- :string
-
  - The current trend in priority fees on the network, eitherup
- ordown
- (whether it's getting more expensive or cheaper).
- baseFeeTrend
- :string
-
  - The current trend in base fees on the network, eitherup
- ordown
- (whether it's getting more expensive or cheaper).

Example

Request

Include yourAPI key andAPI key secret to authorize your account to use the APIs.

- cURL
- JavaScript

curl -X 'GET' \ -u : \ 'https://gas.api.infura.io/networks/1/suggestedGasFees' const axios =

require ("axios") ;

const apiKey =

" ;

// replace with your API key const apiKeySecret =

" ;

// replace with your API key secret

const

Auth

=

Buffer . from (apiKey +

":"

+ apiKeySecret ,) . toString ("base64") ;

// The chain ID of the supported network const chainId =

1 ;

(async

( )

```
=>

{ try

{ const

{ data }

=

await axios . get (https://gas.api.infura.io/networks/ { chainId } /suggestedGasFees , { headers :

{ Authorization :

Basic { Auth } , } , } , ) ; console . log ( "Suggested gas fees:" , data ) ; }

catch

( error )

{ console . log ( "Server responded with:" , error ) ; } } ) ( ) ;
```

Response

```
{ low: { suggestedMaxPriorityFeePerGas: '0.05', suggestedMaxFeePerGas: '16.334026964', minWaitTimeEstimate: 15000,
maxWaitTimeEstimate: 30000 }, medium: { suggestedMaxPriorityFeePerGas: '0.1', suggestedMaxFeePerGas:
'22.083436402', minWaitTimeEstimate: 15000, maxWaitTimeEstimate: 45000 }, high: { suggestedMaxPriorityFeePerGas:
'0.3', suggestedMaxFeePerGas: '27.982845839', minWaitTimeEstimate: 15000, maxWaitTimeEstimate: 60000 },
estimatedBaseFee: '16.284026964', networkCongestion: 0.5125, latestPriorityFeeRange: [ '0', '3' ],
historicalPriorityFeeRange: [ '0.000000001', '89' ], historicalBaseFeeRange: [ '13.773088584', '29.912845463' ],
priorityFeeTrend: 'down', baseFeeTrend: 'up' }
```