

Get the base fee percentile

Returns the base fee percentile (50th percentile) of the specified blockchain network.

For example, if the API returns a value of 20 GWEI, it means that 50% of the historical base fees are less than or equal to 20 GWEI.

This can be useful for users or applications to estimate the optimal gas price for transactions based on historical data.

GET <https://gas.api.infura.io/networks/{chainId}/baseFeePercentile>

Parameters

Path :

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

Returns

baseFeePercentile :string - The base fee in Gwei at the 50th percentile, meaning that 50% of the base fees are less than or equal to the provided amount.

Example

Request

Include your [API key](#) and [API key secret](#) to authorize your account to use the APIs.

- cURL
- JavaScript

```
curl -X 'GET' \ -u : \ 'https://gas.api.infura.io/networks/1/baseFeePercentile' 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 } /baseFeePercentile , { headers :
{ Authorization :
Basic { Auth } , } , } , ) ; console . log ( "Base fee history:" , data ) ;}

catch

( error )

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

Response

```
{ "baseFeePercentile": "23.227829059" }
```

Last updated on Apr 19, 2024 [Previous Get the base fee history](#) [Next Get the busy threshold](#)