

# Getting Starknet RPC

## Starknet Public RPC

### Mainnet

Service	URL	json-rpc <a href="https://rpc.starknet.lava.build">https://rpc.starknet.lava.build</a>
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### Testnet

Service	URL	json-rpc <a href="https://rpc.starknet-testnet.lava.build">https://rpc.starknet-testnet.lava.build</a>
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## Gateway

To learn more about using the Lava Gateway visit the [Getting Started guide](#)

## SDK

caution Lava SDK is currently in Alpha. Please observe the documentation on both [frontend](#) and [backend](#) use before getting started.

### Input

- BackEnd
- FrontEnd

// Install lavaSDK with the following command: // npm i @lavanet/lava-sdk const

```
{
```

```
LavaSDK
```

```
}
```

```
=
```

```
require ( "@lavanet/lava-sdk" )
```

```
async
```

```
function
```

```
useStarknet ( )
```

```
{
```

```
const starknet =
```

```
await
```

```
LavaSDK . create ( { privateKey : process . env . PRIVATE_KEY ,
```

```
//hide your private key in an environmental variable chainIds :
```

```
'STRK' , } ) ;
```

```
const starknetBlockResponse =
```

```
await starknet . sendRelay ( { method :
```

```
"starknet_blockNumber" , params :
```

```
[ ] , } ) ;
```

```
console . log ( starknetBlockResponse ) ; }
```

```

( async
()
=>
{ await
useStarknet ( ) ; } ) ( ) ; // Install lavaSDK with the following command: // npm i @lavanet/lava-sdk const
{
LavaSDK
}
=
require ( "@lavanet/lava-sdk" )
async
function
useStarknet ( )
{
const starknet =
await
LavaSDK . create ( { badge :
{ badgeServerAddress :
"https://badges.lavanet.xyz" ,
// Or your own Badge-Server URL projectId :
"enter_your_project_id_here" } , chainIds :
'STRK' , geolocation :
"2" } ) ;
const starknetBlockResponse =
await starknet . sendRelay ( { method :
"starknet_blockNumber" , params :
[ ] , } ) ;
console . log ( starknetBlockResponse ) ; }
( async
()
=>
{ await
useStarknet ( ) ; } ) ( ) ;

```

## Output

To learn more about our SDK visit the [Getting Started guide](#) [Edit this page](#) [Previous Starknet x Lava](#) [Next Running a Starknet RPC Node](#)