

- Register Transaction Data
- Trasaction Status

[Check availability](#)

Check the availability of one or more clusters

GET /v0.1/register/check/:name

POST /v0.1/register/check

Name Description BODY string[] - an array of names to check Example

...

Copy

```
curlhttps://api.clusters.xyz/v0.1/register/check/namethatdoesntexist
```

```
curl--requestPOST\ --urlhttps://api.clusters.xyz/v0.1/register/check\ --header'Content-Type: application/json'\ --data'{"foobar", "namethatdoesntexist"}'
```

...

Response

Single Check Bulk Check ""

```
Copy { "name":"namethatdoesntexist", "isAvailable":true }
```

```
Copy [ { "name": "foobar", "isAvailable": false }, { "name": "namethatdoesntexist", "isAvailable": true } ]
```

...

Register Transaction Data

POST /v0.1/register

Get the transaction data for registering a cluster so that a user can sign it

Name Description network ``

Copy "1" "10" "56" "137" "8453" "81457" "17000" "42161" "43114" "11155111" "solana"

sender The sender's address (EVM or Solana) names { name: string; bidAmountWei?: string }[] bidAmountWei(optional) is always in ETH referralAddress (optional) An address that would get credited for this registration (EVM or Solana)

Ethereum - Mainnet Ethereum - Bridging Solana Example

...

```
Copy curl--requestPOST\ --urlhttps://api.clusters.xyz/v0.1/register\ --header'Content-Type: application/json'\ --data{"network": "1", "sender": "0x0000000000000000000000000000000000000000000000000000000000000000", "names": [{"name": "namethatdoesntexist1"}, {"name": "namethatdoesntexist2"}]}
```

...

Response

200 500 ``

[illegible]

"" Names unavailable

...

```
Copy { "status":500, "error":"names_unavailable", "message":"1 or more names are unavailable" }
```

...

Bridge Failure

...

```
Copy { "status":500, "error":"lz quote fail", "message":"lz quote failed, most likely caused by wallets having insufficient balances" }
```

*** Note : Make sure the sender has enough funds to cover the transaction or the endpoint will result in an error from the bridge. Example

...

```
Copy curl--requestPOST --urlhttps://api.clusters.xyz/v0.1/register --headerContent-Type: application/json\ --data{"network": "56", "sender": "0x0000000000000000000000000000000000000000000000000000000000000000", "names": [{"name": "namethatdoesntexist1"}, {"name": "namethatdoesntexist2"}]}
```

...

Response

200 500 ``

[illegible]

*** Names unavailable

...

```
Copy { "status":500, "error":"names_unavailable", "message":"1 or more names are unavailable" }
```

...

```
Copy { "status":500, "error":"lz_quote_fail", "message":"lz quote failed. most likely caused by wallets having insufficient balances" }
```

[illegible]

Notice when using solana, transactionData is an array of transactions instead of a single object on other networks. This is because only one name is supported per transaction at the moment when using solana. 200 500 ``

```
Copy { "gasToken": { "symbol": "SOL", "decimals": "lamports" }, "transactionData": [ { ...Transaction }, { ...Transaction } ], "registrationFee": "443581060", "bridgeFee": "0", "names": { "name": "namethatdoesntexist1", "amount": "221790530" }, { "name": "namethatdoesntexist2", "amount": "221790530" } ] }
```

```
Copy { "status":500, "error":"names_unavailable", "message":"1 or more names are unavailable" }
```

```
Copy { "status":500, "error":"lz_quote_fail", "message":"lz quote failed. most likely caused by wallets having insufficient balances" }
```

Checks the status of a transaction

GET /v0.1/register/tx/:tx

For now, if you registered more than one name in a transaction, it'll only give you the status of the first name. To enable testnet querying on Sepolia, add `?testnet=true` to the end of the URL Example

Copy curl<https://api.clusters.xyz/v0.1/register/tx/0xffea3b29c64016772b7d3194b3c3899a62191e654990b6e3393b410667102284>

```
Copy typestatus='not found'|'pending'|'bridging'|'invalid'|'lost bid'|'finalized'
```

```
Copy { "tx":"0xffea3b29c64016772b7d3194b3c3899a62191e654990b6e3393b410667102284", "status":"finalized" }
```

[Previous Cluster](#) → [Metadata Next Event Indexing](#) Last updated 5 days ago