Registration

```
getNameAvailability(names)
Check the availability of one or more clusters
Copy\ constcluster = a wait clusters.get Name Availability ("name that does nt exist");
Response
200 ```
Copy { "name":"namethatdoesntexist", "isAvailable":true }
getNameAvailabilityBatch(names)
Check the availability of multiple cluster names
Copy constnames=["foobar","namethatdoesntexist"]; constcluster=awaitclusters.getNameAvailabilityBatch(names);
Response
200 ```
Copy [ { "name":"foobar", "isAvailable":false }, { "name":"namethatdoesntexist", "isAvailable":true } ]
getRegistrationTransaction(names, sender, network)
Get the transaction data for registering a cluster so that a user can sign it
Name Description network ```
Copy "1" "10" "56" "137" "8453" "17000" "42161" "43114" "11155111" "solana"
 🐃 sender The sender's address (EVM or Solana) names { name: string; bidAmountWei?: string } [] bidAmountWei(optional) is always in ETH
Ethereum - Mainnet Ethereum - Bridging Solana Example
constcluster=awaitclusters.getRegistrationTransaction(names,sender,"1");
Response
200 500 ```
"value":"2000000000000000" }, "registrationFee":"2000000000000000", "bridgeFee":"0", "names":[ { "name":"namethatdoesntexist1", "amount":"10000000000000000" }, { "name":"namethatdoesntexist2", "amount":"10000000000000000" } ] }
" 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
constcluster = a wait clusters. get Registration Transaction (names, sender, "56"); \\
Response
200 500 ``
Copy { "gasToken":{ "symbol":"BNB", "decimals":18 }, "transactionData":{ "to":"0x0000000000001a99dddd5610111884278bdbda1d", "data"
Copy 9 gas 10461 | 3 ymino | 1505 | v colored | 1505 | v 
 ``` 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" }
``` Example
```

constcluster=awaitclusters.getRegistrationTransaction(names,sender,"solana");
Response
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" }]}
``` 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" }
getTransactionStatus(tx)
Get the status of a specific transaction hash.
For now, if you registered more than one name in a transaction, it'll only give you the status of the first name. Example
Copy const cluster = await clusters.getTransactionStatus("0xffea3b29c64016772b7d3194b3c3899a62191e654990b6e3393b410667102284");
Response
Copy typestatus='not_found' 'pending' 'bridging' 'invalid' 'lost_bid' 'finalized'
200 ```
Copy { "tx":"0xffea3b29c64016772b7d3194b3c3899a62191e654990b6e3393b410667102284", "status":"finalized" }
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Previous Cluster → Metadata Next REST API Last updated18 hours ago On this page *getNameAvailability(names) * getNameAvailabilityBatch(names) * getRegistrationTransaction(names, sender, network) * getTransactionStatus(tx)