

Casper Client v2.0.0 - Release Memo

Summary: The Casper-client (rust client) v2.0.0 release date is June 28th 2023.

There are several changes in this release supporting the usage of the client with respect to the upcoming Casper network version 1.5, as well as includes other optimizations and are described as below.

Key Features:

- Added support in the client by adding a flag in the deploy related subcommand for the new *speculative_exec* RPC endpoint added in v1.5 of the Casper network. This enables contract developers to estimate the potential gas cost of a deploy and test it on test and integration networks. Details of the endpoint [here](#).
- Added a subcommand *get-chainspec* in v 2.0.0 of the client to support the new endpoint *info_get_chainspec*. Querying this endpoint, will output the bytes of the chainspec.toml, which can then be used to view the contents of the chainspec by writing the output to a file etc.
- In the upcoming Casper node v1.5 we have deprecated the *get_balance* rpc and replaced it with an enhanced version *query_balance* rpc. Thus we added a subcommand *query-balance* in the client v2.0.0.
- Added a subcommand *get-node-status* in v2.0.0 of the client to support the *info_get_status* RPC endpoint, which returns information about mode of node operation, progress on blocks, high and low block ranges etc.
- Existing subcommands *get-account-info* and *get-era-info-by-switch-block* have been renamed to *get-account* and *get-era-info* respectively while retaining backward compatibility.
- We have added support for passing payment and session args as JSON.
- For a list of other internal and ease of life changes please refer to the changelogs link below.

Impact: There is no breaking impact.

Casper-client Resources:

1. Repo- location [here](#).
2. The Changelogs [here](#).