Overledger 2.1.3
Release Notes

What's New?

Overledger 2.1.3 introduces two major changes. Overledger has always had a two stage process for API calls, the first to prepare (translate and assign routes, check fees), and the second to execute (accept fees, sign the payload and execute the operation). This allows developers to understand and accept any fees associated with the operation prior to committing to it.

Overledger 2.1.3 introduces an option to reduce this to a single stage, where fees are automatically accepted and the execution goes ahead immediately. This model is known as "Auto prepare and execute".

The second change is a scalability update, to increase the number of distributed ledger networks (DLNs) of the same type that can be simultaneously connected to Overledger. This will allow Overledger to support many private and sandbox instances of Besu, Fabric and Corda in future releases.

Product Line: Overledger API

Item #1: Auto prepare and execute transaction search

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for a DLT transaction via a single API call. Overledger will prepare and automatically execute the transaction search on the requested DLT and return transaction information to the mDApp without an additional execute call being required.

Auto prepare and execute transaction search requests can be sent to Overledger via these endpoints:

Sandbox

POST https://api.sandbox.overledger.io/v2/autoexecution/search/transaction

Production

POST https://api.overledger.io/v2/autoexecution/search/transaction

Documentation

API documentation is here

Item #2: Auto prepare and execute block search

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for a block via a single API call. Overledger will prepare and automatically execute the block search on the requested DLT and return information to the mDApp without an additional execute call being required.

Auto prepare and execute block search requests can be sent to Overledger via these endpoints:

Sandbox

POST https://api.sandbox.overledger.io/v2/autoexecution/search/block

Production

POST https://api.overledger.io/v2/autoexecution/search/block

Documentation

API documentation is here

Item #3: Auto prepare and execute address balance search

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for an address balance via a single API call. Overledger will prepare and automatically execute the address balance search on the requested DLT and return information to the mDApp without an additional execute call being required.

Auto prepare and execute address search requests can be sent to Overledger via these endpoints:

Sandbox

POST https://api.sandbox.overledger.io/v2/autoexecution/search/address/balance

Production

POST https://api.overledger.io/v2/autoexecution/search/address/balance

Documentation

API documentation is here

Item #4: Auto prepare and execute address sequence search

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for an address sequence via a single API call. Overledger will prepare and automatically execute the address sequence search on the requested DLT and return information to the mDApp without an additional execute call being required.

Auto prepare and execute address sequence search requests can be sent to Overledger via these endpoints:

Sandbox

POST https://api.sandbox.overledger.io/v2/autoexecution/search/address/sequence

Production

POST https://api.overledger.io/v2/autoexecution/search/address/sequence

Documentation

API documentation is here

Item #5: Scalability – DLN Data Translation

Description

We continue to increase the horizontal scalability of the translation layer in Overledger by moving some of the translation logic further down the application stack.

Item #6: Scalability - Multiple DLN's

Description

As well as introducing new customer facing API's in this release, we also continue to update some system internals to increase the scalability of Overledger, particularly in enterprise deployments.

The number of connected DLNs of the same type is increased. We are now connecting to multiple Besu networks in private deployments, and we have made updates to increase the numbers of connected DLNs of the same type, regardless of DLT.

Improvements

We have fixed known issue OVLKI0009. Previously, OAuth API tokens generated using the SDK and on the demo application fail max length validations implemented on the authorization headers in our API. OAuth API tokens now generated using the SDK and demo application will be accepted by Overledger.

Known Issues

OVLKI0008 – When searching for an address balance using the separate prepare and execute flow, the field in the API response that shows the balance is called 'value' instead of 'amount'

Coming Soon

Product Line: Overledger API

Item #1: Auto prepare and execute smart contract query

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for a smart contract via a single API call. Overledger will prepare and automatically execute the smart contract search on the requested DLT and return information to the mDApp without an additional execute call being required.

Item #2: Auto prepare and execute UTXO search

Description

As part of improving user experience for mDApp developers, Overledger now supports searching for a UTXO via a single API call. Overledger will prepare and automatically execute the UTXO search on the requested DLT and return information to the mDApp without an additional execute call being required.

Item #3: License fee backend implementation

Description

We will be releasing backend changes in Overledger which supports users paying for their license in QNT using a Metamask integration with the Overledger UI. Further development is taking place to implement the user journey on the Overledger UI and Metamask integration.

Item #4: Overledger UI license fee flow using MetaMask integration

Description

We will be adding the UI changes and integrations in a forthcoming release to allow users to pay for their license fees in QNT using Metamask.

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