



Overledger 2.1.4

Release Notes



What's New?

Overledger 2.1.4 introduces four enhancements.

The first change continues the introduction of the fast track “Auto prepare and execute” API call model, adding this functionality for Smart Contract queries and UTXO searches. This model was first introduced in Overledger 2.1.3 and allows developers to make a single API call, automatically accepting execution fees, instead of a two API call process.

The second change is further scalability enhancements, to continue ensuring Overledger is DLT agnostic we have moved data validation further down the technology stack and into the connector layer.

The third change introduces backend changes in Overledger which will support users paying for their license in QNT using a Metamask integration with the Overledger UI. The corresponding front end functionality will be introduced in an upcoming release.

The final change is in preparation for a Bitcoin Node upgrade, we have enhanced Overledger to support SegWit version 1.0 and higher addresses using an enhanced validation mechanism to check for the relevant encoding.

Product Line: Overledger API

Item #1: Auto prepare and execute smart contract query

Description

As part of improving developer 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.

Auto prepare and execute smart contract query requests can be sent to Overledger via these endpoints:

Sandbox

POST <https://api.sandbox.overledger.io/v2/autoexecution/search/smartcontract>

Production

POST <https://api.overledger.io/v2/autoexecution/search/smartcontract>

Documentation

API documentation is [here](#)

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.

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

Sandbox

POST <https://api.sandbox.overledger.io/v2/autoexecution/search/utxo>

Production

POST <https://api.overledger.io/v2/autoexecution/search/utxo>

Documentation

API documentation is [here](#)

Item #3: Scalability – DLN Data Validation**Description**

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

Item #4: License fee backend implementation**Description**

We have released 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 #5: Bitcoin address enhancement**Description**

Overledger now has enhanced validation around Bitcoin addresses. Overledger will now support validation of destination addresses that are SegWit version 1.0 or higher.

Improvements

None

Known Issues

None

Coming Soon

Product Line: Overledger API

Item #1: Overledger UI license fee flow using MetaMask integration

Description

We have implemented the backend functionality that will allow developers to pay for license fees using Metamask with QNT. We will be adding the corresponding UI changes and integrations in an upcoming release.



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