



New Release: Q4 2020

Corda Enterprise 4.7 •

Corda Enterprise 4.7 continues our mission to simplify deployment and enhance ledger management with new operational features that bring additional privacy options and boost scalability. Also, new Graphical User Interfaces (GUI) optimize user experience for node and network management.

Corda Enterprise 4.7

Advanced ledger, node and network management

New features enhance enterprise tooling to simplify the developer and node operator experience and improve performance—while helping to lower operating costs.

- **Reduce cost and improve performance with ledger archiving:** Ledger data can now be archived and safely stored elsewhere, enabling node operators to optimize how data is stored and preventing long back chains from impacting performance.
- **New node management GUI:** Node operators now have a dedicated console to simplify the monitoring and management of nodes. The first version of the GUI focuses on flow management, making it easier for new node operators to interact with the platform by bringing flow, node lifecycle and configuration management into a single experience.
- **New network management GUI:** The new GUI for Corda Enterprise Network Manager 1.5 enables streamlined user-permissioning management and lifecycle monitoring, management of changing network parameters (e.g., introducing a new notary) and configuration management.
- **Business network extension enhancements*:** Allows business network operators to analyze and log access control groups from Corda, as well as onboard members in batches.
- **Improved notary performance:** When the notary is experiencing a burst of transactions, it can now reduce the number of unnecessary retries, providing more accurate processing times to the operator.
- **Enhanced user permissioning on Azure:** Network operators deploying with Azure can directly manage user permissions from their Azure portal using Active Directory.

*Also included in Corda 4.7

Security and privacy enhancements

New security and privacy improvements further our dedication to building the most resilient and enterprise-grade blockchain platform for business.

- **Platform support for chain breaks:** Transaction chain breaks can now be requested by a state owner with a flow and with a platform guarantee that states aren't removed without a replacement or duplicate. This will provide the same privacy and performance benefits of chain snipping, but in a way that reduces operational risk and ensures minimal development costs for Cordapp developers.
- **HSM integration API:** The new API provides developers with tooling and documentation to create a 'plug-in' HSM, enabling additional HSMs to be integrated and covering all types of signing key – all while ensuring ongoing Corda Enterprise support.
- **Added HSM support for nodes:** Confidential Identity key support can now be accessed across all current supported HSMs to ensure key security, no matter the chosen HSM.

Get started

Try Corda Enterprise 4.7 and Corda Enterprise Network Manager 1.5 by signing up on **R3's Customer Hub** or via cloud templates on Microsoft Azure Marketplace or AWS Marketplace.

R3's Customer Hub allows you to easily access the latest versions of R3 software and make the most of your Corda Enterprise and Corda Enterprise Network Manager license or trial with online tools and video tutorials.



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