Leostream Release Notes

Empowering Enterprises to Build a Better Way to Manage Hybrid Work

Version 2022
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To request product information or inquire about our future direction, email sales@leostream.com.

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Leostream Platform 2022.1 Release Notes

Available: August 2022

Leostream Platform 2022 is an updated version of the Leostream Platform, and is comprised of the components described in the following sections. You cannot perform a direct update from version 9.x of the Leostream Platform to version 2022. Please consult the upgrade documents for instructions on how to move your Leostream 9.x configuration to a new Leostream 2022 Connection Broker.

Obsoleted Features and Functionality

The following items are no longer included in Leostream Platform 2022. Please continue using version 9.1 of the Connection Broker and contact **sales@leostream.com** if you are using any of these features. Note that Connection Broker 9.1 has an extended lifecycle. See the Leostream Product Lifecycle for more information.

- NIS authentication is no longer supported. The source code for the open-source C library that Leostream leverages to integrate with NIS authentication servers is no longer included in the Red Hat repositories for RHEL 8.

  Remain on Connection Broker 9.1 if you are using NIS authentication.

- Windows Deployment Services operating system provisioning for HPE Moonshot nodes is no longer supported.

- Forwarding user logins between Connection Broker clusters is no longer allowed.

- Support for the Cisco VPN client has been removed.

- CAS authentication is no longer available.

- Exceed OnDemand connections to remote desktops are no longer supported.

Connection Broker 2022 and Components

The following updates and features are new in Connection Broker 2022. If you are running an older version of the Connection Broker, consult the Leostream 9 release notes for information on additional features and fixes that may be available, depending on your current Connection Broker version.

- The Connection Broker is now packaged for installation on any virtual or physical machine running the latest Red Hat® Enterprise Linux® 8.x operating system and its derivatives, such as Rocky Linux and AlmaLinux OS

- The Connection Broker now installs in `/var/lib/leo` instead of `/home/leo`

- The Connection Broker `leo` user is no longer added to the `sudoers` file and instead is allocated the specific permissions required to support Connection Broker functionality

- The internal Connection Broker PostgreSQL database has been upgraded to version 14.4

- The current Leostream component versions are as follows, and are compatible with Connection Broker 9.1 and 2022:

  - Leostream Agent for Windows - version 7.4.21 – Adds support for reporting Windows Server 2019 and 2022 and supports DCV collaboration

  - Leostream Agent for Linux and macOS – version 5.2.20 – Adds support for monitoring RGS sessions on Rocky Linux 8 and supports DCV collaboration

  - Leostream Connect for Windows – version 4.4.4.6 – Resolves issues caused by deleting the NoMachine configuration file too soon when establishing the connection

  - Leostream Connect for Linux and macOS – version 3.8.4 – This component is not being updated during this release

- The Connection Broker Sign In page has been redesigned

- Dashboard updates

  - You can now add and remove widgets on the dashboard

  - The dashboard has a new **Reset** button to return the dashboard to the factory default layout

  - The new Desktops Assigned widget displays the number of desktops currently assigned to a user

  - The new Pools widget displays a bar graph of the contents of all pools, so you can easily compare the number of desktops in pools

  - Widgets now display a message if no appropriate data has been collected for that widget

  - A new warning banner displays dashboard-related message, such as when a widget references a pool that has been deleted

- NICE DCV – The Leostream feature to invite users to collaborate on another user's session is now available for users connecting using NICE DCV

- The `leostream-broker CLI` has new options to accept the Leostream EULA and automatically reboot the Connection Broker if the license enables a feature that requires a reboot

- When adding a Leostream Gateway, the default power-forwarding methodology uses a random port filtered by the client source IP address

- The **> System > Maintenance** options to shutdown and reboot the Connection Broker are now displayed only with the Connection Broker is in debug mode

Leostream Gateway 2022

The Leostream Gateway can now be installed on any virtual or physical machine running the latest Red Hat Enterprise Linux 8.x operating system and its derivatives, such as Rocky Linux and AlmaLinux OS

Appendix A: Version Compatibility

Leostream Agent Compatibility Matrix

The following table indicates the Leostream Agent versions that are compatible with Connection Broker versions 9 and 2022. Connection Brokers cannot communicate with incompatible Leostream Agents. Not all Connection Broker functionality may be supported by older Leostream Agents, so some loss of functionality may occur even though a particular Connection Broker version is able to communicate with the older agent versions. Contact Leostream Support for more information.

Connection Broker	Version	9.0.34.10	9.0.34.21 and later	9.1	2022
Leostream Agent for Windows	5.x	N	N	N	N
	6.x	Y	N	N	N
	7.x	Y	Y	Y	Y
Leostream Agent for Linux and macOS	3.x	N	N	N	N
	4.x	Y	N	N	N
	5.x	Y	Y	Y	Y

- Leostream Agent versions older than 5.0 for Windows and 3.0 for Linux are not compatible with any supported Connection Broker.

Leostream Connect Compatibility Matrix

The following table indicates the Leostream Connect versions that are compatible with the currently supported Connection Broker versions.

Connection Broker	Version	9.x	2022
Leostream Connect for Windows	4.1	Y	Y
	4.2	Y	Y
	4.3	Y	Y
	4.4	Y	Y
Leostream Connect for Linux and macOS	3.5	Y	Y
	3.6	Y	Y
	3.7	Y	Y
	3.8	Y	Y

- Not all features supported by the latest Leostream Connect version are available when using an older Connection Broker version.