

DIVA Connect

Release Notes

Release: 5.0.1

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Overview

DIVA Connect Release Notes is for administrators familiar with configuring the Telestream DIVA suite of products. It includes information on new and improved features. If you aren't familiar with the DIVA products, Telestream recommends that you review the *DIVA Installation and Configuration Guide*.

Installing, Configuring, or Updating DIVA Connect

Contact Telestream Support for assistance installing, updating, or configuring DIVA Connect.

The Telestream Support contact information can be found on the Telestream Contact Information page.

For more information, see the DIVA Connect documentation set for this release located at: https://www.telestream.net/telestream-support/diva/support.htm

Options and Licensing

DIVA Connect doesn't require a license; however, the DIVA sites that DIVA Connect accesses require valid licensing.

For details on the Licensing Model for DIVA products, contact your sales representative.

Security

Telestream recommends keeping the operating system up to date with the latest security patches. However, Telestream can't guarantee that all patches operate correctly with DIVA Connect.

You should determine the acceptable operating system security patch level for your environment. If necessary, contact Telestream Support for assistance in determining operating system patch-level compatibility.

Requirements

DIVA Connect 5.0 requires remote DIVA sites to be on DIVA 8.3 or later. A mix of remote DIVA sites is allowed, for example one remote DIVA 8.3 and another one with DIVA 9.5.

All DIVA sites must be running ManagerAdapter 5.0.

Operating Systems

Telestream releases DIVA Connect only for Windows Server 2019, 2022, and 2025.

DIVA Connect 5.0.1

- **DIVA-25252** Removing a site takes a long time to clear its objects

  Improved the clean-up of a removed site's objects from the DIVA Connect database, which is now about five times faster. While it runs, the Assets view names the site whose data is being cleared.

- **DIVA-25253** A removed site is shown as Down while its data is being cleared

  Fixed an issue where a removed site stayed listed with a misleading Down status until all its data had been cleared. It is now shown as Removing, and no longer turns the system health indicator red.

- **DIVA-25255** The default site cannot be changed or removed

  The default site, previously labeled local, can now be handed over to another site from the web interface, after which the former default site can be removed. A DEFAULT column shows which site holds the role.

- **DIVA-25263** Manager Adapter logs are verbose and hard to read

  The Manager Adapter now writes fewer INFO log lines, with one clear line per call. Detailed internal messages are still available at DEBUG level.

- **DIVA-25608** Local Delete does not purge in Watermark purge mode

  Fixed a defect where Local Delete never checked the watermarks, because the array names returned by the DIVA Manager were read as empty. Deleting the last remaining instance with `AllowDeleteLastInstance` enabled now works as configured.

- **DIVA-25609** Content alerts are only visible object by object

  The Assets view now shows an ALERT column that flags objects with a content alert, together with a Has Content Alert filter and sorting on that column.

- **DIVA-25610** Asset search filters require values to be typed in

  In the Assets object filters, the value controls are now true/false drop-downs for boolean filters. Site and media are drop-downs instead of a free-text box.

- **DIVA-25862** Installer cannot proceed when the default site is unreachable

  Fixed an installer dead end when the default site could not be reached. The installer now explains that a reachable default site is required and that its Manager Adapter must be installed and started first, while remote sites can still be added later from the web interface.

- **DIVA-25880** No prompt to change the default password

  When user authentication is enforced, signing in with an account that still uses the default password now prompts the user to change it at every sign-in until it is changed.

- **DIVA-25881** Log files are kept for two days only

  Log retention is now configurable per component with `LogRetentionDays`, and the default is 10 days. Each component logs the retention in force at start-up.

- **DIVA-25883** Reload Workflow Profiles is hard to find

  Reload Workflow Profiles has moved from the user menu to a new *Configuration* > *Workflow Profiles* page, which also shows when the profiles were last reloaded.

- **DIVA-26039** Deleting an object requires no confirmation

  The Delete Objects dialog now requires a confirmation checkbox to be ticked before the deletion can be submitted.

- **DIVA-26132** Web interface takes up to three minutes to become available

  Fixed an issue where the web interface became available only once every site had reported its configuration, which took up to three minutes when a site was unreachable. It is now available within about 30 seconds.

- **DIVA-26507** Long media, storage plan, or site names are unreadable in drop-down lists

  Fixed an issue where long names in drop-down lists overlapped the next entry or extended beyond the edge of the dialog. Long values now wrap inside every drop-down list.

DIVA Connect 5.0

Installer Updates

DIVA Connect 5.0 replaces the previous installer with a new wizard that provides a consistent experience across DIVA and DIVA Connect. The new installer bundle includes PostgreSQL 17. Upgrading from 4.x migrates config files and certificates automatically, and moves cleartext passwords into encrypted files.

The installer configures a deployment end-to-end, includes a site connection test that makes configuring DIVA sites easier, and can handle upgrades, component addition and removal, and uninstalls.

You do not need to uninstall the previous version of DIVA Connect if you are upgrading from DIVA Connect 4.1.

The new installer .exe files are:

- `DIVAConnectBundle_V<version>.exe` - Full installation
- `DIVAConnect_V<version>.exe` - Patch installation; does not include the Postgres installer, so is smaller and downloads more quickly, but can only be used to update an existing installation

The installer can also be run in "silent" mode via script.

Web-Based User Interface

DIVA Connect 5.0 introduces a new Web-based user interface that follows the same layout principles as DIVA, providing a similar user experience across both products.

The new interface includes the following features:

- User management, including password administration
- Configuration tasks such as database backups
- Administering assets stored in remote DIVA sites
- Job management
- Browsing DIVA sites
- Administering Auto Copy
- Change logging levels

The user interface can be accessed at:

`https://localhost:9876/DCWebUI/login`

The DIVA Connect user interface now also supports adding a site without having to do any manual configuration file changes, and testing the site connection.

Unified Credential Store

A single set of credentials now provides access to the Client Adapter, the REST API, Swagger documentation, and the Web-based user interface. You can manage passwords from the user interface.

REST API Authentication

For API integrations, authentication is now handled by a bearer token obtained from `POST /users/login`; the legacy `dcLogin` and `dcLogout` calls have been removed. A DIVA-style `POST /data/users/login` is also accepted, and returns DIVA's response object.

If you have an existing DIVA REST client, it can be pointed at DIVA Connect by changing the port, with no path or code changes required. DIVA's `/manager/...` and `/data/...` prefixes are accepted.

Note: The REST API does not support creating users in DIVA Connect 5.0.

See the Swagger documentation at `https://<host>:9876/swagger-ui/index.html`.

Database Backups

DIVA Connect 5.0 backs up the database automatically; backups cannot be disabled.

The backup schedule, retention policy, and backup directory are configured through the user interface. The default schedule is every 24 hours, with the last 7 backups kept. The user interface also provides a Back Up Now option, and supports restoring the database from a backed up version.

If you have a PostgreSQL instance shared between DIVA Connect and DIVA, DIVA Connect does not change any DIVA backup information.

LocalDelete Updates

LocalDelete is now embedded in the DIVA Connect Client Adapter. There is no separate service, jar, installation or credential set to maintain, and will no longer ship in DIVA's utilities folder as of DIVA 10.

Additional Updates

In addition to the above features, the following minor changes were made:

- The Requests screen in the user interface is now called Jobs.
- The Copy media dropdown, and the Restore and Delete media pickers, now list DIVA Storage Plans (SPM) alongside tape groups and disk arrays, filtered by site so only media valid for the target site is offered.

- **DIVA-20061** Manager Adapter database service name defaults to Core instead of diva

  Fixed an issue where the Manager Adapter used *Core* rather than *diva* as the DIVA database service name, requiring a manual edit after installation. The installer now collects the value.

- **DIVA-25074** Database passwords stored in clear text in the component configuration files

  Fixed a security defect where the Client Adapter, DB Sync and Manager Adapter configuration files held their database passwords in clear text. Passwords are now encrypted and can be updated from the DIVA Connect web app. This change affects the web interface.

- **DIVA-22211** Connect database user cannot authenticate against a secured Postgres configuration

  Fixed a defect where the DIVA Connect database user could not authenticate with scram-sha-256, forcing the Postgres host-based authentication file to be relaxed to trust. The password is now set at installation time.

- **DIVA-23238** Synchronization fails on objects holding cloud instances

  Fixed a defect where site synchronization aborted on the first cloud instance, because the DIVA Connect database accepted disk and tape instances only. Instance types are now reported correctly.

- **DIVA-25242** A single unreadable DIVA object stalls a whole site synchronization

  Fixed a defect where one DIVA object missing its storage-plan assignment stalled an entire site's synchronization indefinitely. Such objects are now skipped and reported in the log, so synchronization continues.