

19.0 LTR SP2 Version News



Teamwork Cloud

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Discover all the newest updates, features and performance improvements available with the next release of Teamwork Cloud (TWCloud) 19.0 SP2. Our primary goal is to provide you with a stable and reliable release coupled with new feature highlights to improve team collaboration and enhance 3rd party integrations. In addition, this time our main focus was on TWCloud Admin's quality, fixing usability glitches and introducing highly requested features. Please don't forget to give us your feedback on [Linked In](#), [Twitter](#) or [Facebook](#).

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LDAP management improvements

In this version, we took a step forward with improving the user experience in LDAP management, the most complicated Settings application part. We have entirely redesigned the LDAP management page and LDAP configuration process to allow you to work more efficiently.

Create LDAP configuration

Configuration name

Server address

Port: 389

Connect timeout (ms): 5000, Read timeout (ms): 10000

Administrator bind: Username: cn=admin, dc=example, dc=com, Password: *****

Enabled: When disabled, users within this LDAP will be unable to sign in

Authentication: Search base: dc=example, dc=com, Authenticate using: LDAP query, Query: uid={0}

Encryption: Encryption protocol: None

LDAP management

Server settings, Server license, **LDAP management**, OAuth consumers

ActiveDirectory: IP: 127.0.0.1, Port: 389

Connection: Connect timeout: 5000 ms, Read timeout: 10000 ms, Username: CN=Users

Authentication: Search base: ou=users, dc=example, dc=com, LDAP query: sAMAccountName={0}

Encryption: Encryption protocol: None

EDIT, IMPORT

[Learn more about LDAP management >>](#)

Copy role assignments during LDAP import

While importing a user/group, adding and assigning tasks in the LDAP management page are much quicker now with the Copy Assignment feature. When assigning roles for to-be-imported LDAP users/groups, simply choose an existing user/group to copy the assignments from and you are done.

The image shows two side-by-side screenshots of a web interface. The left screenshot is titled 'ActiveDirectory' and shows a search bar with 'Domain Users' entered. Below the search bar is a toggle for 'Enable users after import'. A section titled 'Role assignments' with the subtitle 'Assign roles to the user/group' contains a 'SET ROLES' button. Below this, it says 'Found 1 search results for "Domain Users"' and shows a list with 'Domain Users' selected. An orange arrow points from the 'SET ROLES' button to the right screenshot. The right screenshot is titled 'Set roles' and shows a search bar with 'vidbie' entered. Below the search bar are two radio buttons: 'Add role' and 'Copy assignments', with 'Copy assignments' selected. Below this are two sections: 'Administer Resources' with a 'Global scope' dropdown and a 'REMOVE' button, and 'Resource Reviewer' with a 'Custom scope' dropdown, an 'Add resource/category' input, and a list of resources: 'Chevrolet Monte Carlo', 'EmergencyResponse', 'HingeMonteCarloAnalysis', and 'Model-BasedClock', each with a 'REMOVE' button.

Copying assignments

[Learn more about import from LDAP >>](#)

OAuth consumer management

TWCloud Admin now has a dedicated user interface for managing OAuth consumer data, enabling full control over the OAuth-related credentials necessary to access TWCloud data for integration purposes, especially via OSLC.

OAuth consumers

Server settings

Server license

LDAP management

OAuth consumers

Register consumer

Use this page to manage your OAuth consumers and to generate keys for new consumers

Consumer key

The key will be generated by the server

Consumer name *

armgri

Consumer secret *

....

Re-type consumer secret *

....

REGISTER

Consumer keys

The following keys are registered for signing requests to this application

Consumer key	Consumer name	Status
5be5c1fb-710d-47bb-9d6e-6bb2d75a181d	tomvil	Approved
35501734-8a47-453a-86cf-908c1ae9651e	vikrub	Not approved
34317749-5e01-4df1-be0e-ac985ba7985b	levalm	Not approved

Registering new consumer.

[Learn more about OAuth consumer keys management >>](#)

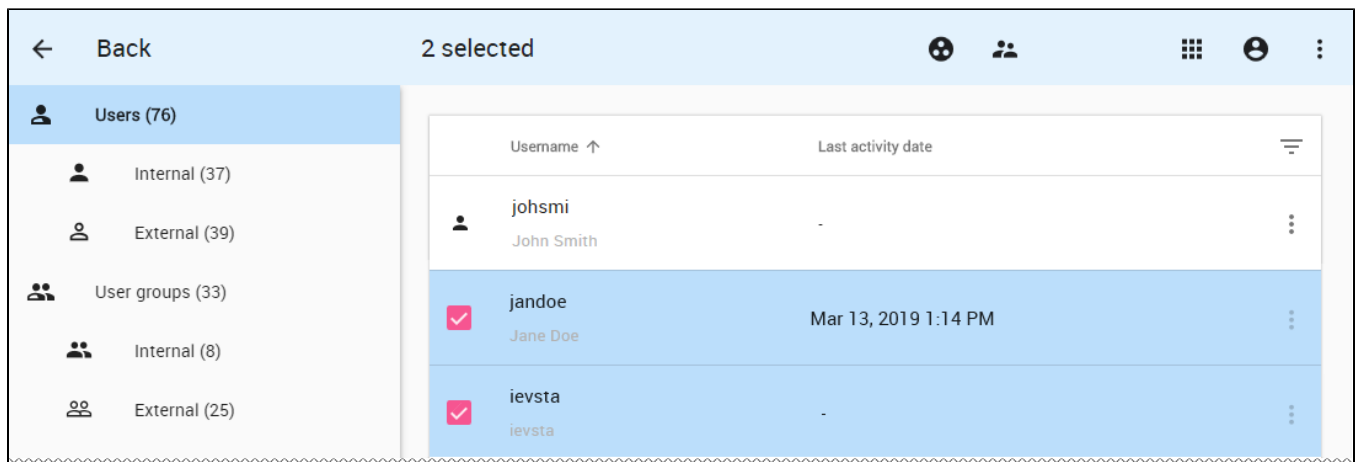
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Other TWCloud Admin enhancements

The users application has undergone changes aimed at better productivity and usability when performing daily user management tasks:

- Sort users by their username or last activity date.
- At first glance see how many users or groups are internal or external.
- Use multiple selections to group users, copy assignments to them, or delete them with one click.
- Filter out users who are not enabled.
- We changed the drop-down list to a search bar in the **Release Locked Elements** pane for a better search experience.

We added some of the above-mentioned generic features to other applications (Roles, Resources), where they proved to be a perfect fit.



Users application

[Learn more about TWCloud Admin >>](#)

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Data manager

If you ever forgot your Administrator's password and were completely locked out of the TWCloud server, or removed an important project by accident, the 19.0 SP2 release has your remedy. We added dedicated features to our Data Manager tool, including an Administrator's password reset, and removed project restore. Additionally, Data Manager now allows you to reset the TWCloud cluster ID, which comes in handy when performing cloning between test and production environments.

[Learn more about Data manager >>](#)

REST API

With every new TWCloud release, we try to expand our APIs to enable wider opportunities for integration with 3rd party tools. This time, we introduced the following enhancements to our REST API:

- Allow retrieving a delta between selected resource revisions. You can inspect which elements have been added, modified or removed between two revisions via a single call.
- To enable better change tracking, you can set a commit comment during Create/Update/Patch/Delete REST requests on resource elements.

[Learn more about REST API >>](#)

Key Issues Fixed in this Service Pack

- TWCloud cluster instability when under high load has been fixed.
- The exception of client-side blob serialization while opening specific projects no longer appears.
- Fixed the issue where users using the LDAP Active Directory could not establish a secure connection between TWCloud and LDAP.
- The LDAP entry list is shown even when the LDAP configuration connection timeout is not specified.
- The LDAP configuration is validated, i.e., if a user tries to create an LDAP entry with incorrect information or does not fill in required information, the entry will not be created.



You can check [the list](#) of publicly available issues or your own reported issues fixed in Teamwork Cloud 19.0 SP2.

Note: You will be required to login. Use the same username and password as for www.nomagic.com.

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TWCloud Documentation

- [Teamwork Cloud 19.0 SP2](#)

Other Resources

- [Modeling Community Blogs](#)
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