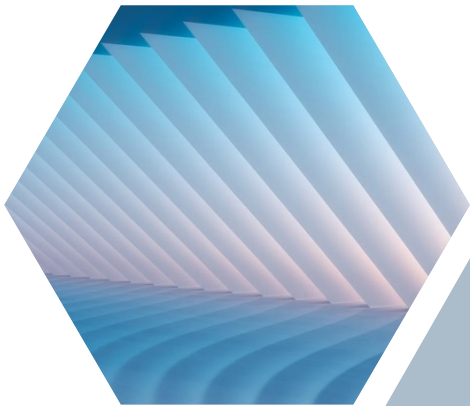# Liquit Workspace 4.2

What's new?

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General changes
General Performance improvements

With Liquit Workspace 4.2 we introduced new performance improvements across the system. In addition to these changes some components have been upgraded to the latest version of .NET ensuring support for the latest operating systems and taking advantage of the performance improvements.
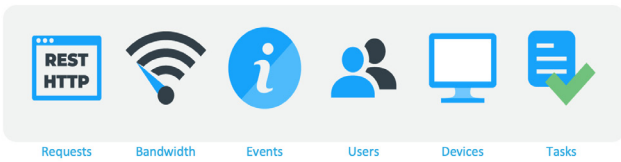
IMPORTANT: The Workspace Agent will no longer be available for download from the portal. The bootstrapper is still able to download the old agent but will also be removed with the release of 4.3.

Liquit Workspace
Insights

Liquit Workspace enables your end users to access their resources and applications, therefore it is important to gain insights into your environment. This feature allows you to get a thorough understanding of what is happening on your server. You are now able to monitor the following metrics:

- Web Requests made on the server
- Bandwidth used on the server (both in and out)
- Events taking place on the server or in your zone
- User events (login and log out actions)
- Device events (Agent refresh and Agent ping)
- Tasks performed on your server (Scheduled tasks)

| Requests | Bandwidth | Events | Users | Devices | Tasks |

Auditing

Gain enhanced control over your environment with the ability to track all modifications within the Liquit Workspace. This feature empowers you to monitor numerous alterations made on an entity, thereby helping to identify potential errors. The auditing capability becomes particularly potent when used with Event Collectors. By leveraging the insights accumulated in your SIEM system, you can ensure your organization's compliance.
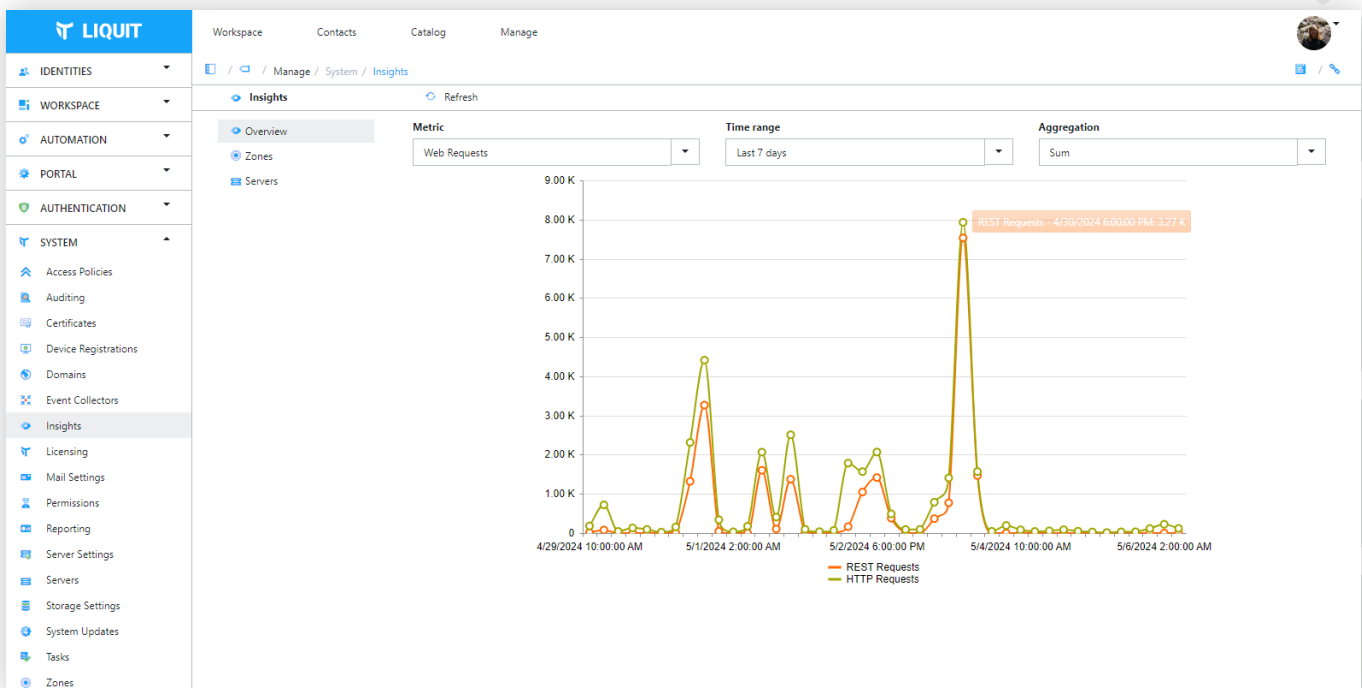
Run Script filter

Now, you can harness the power of a custom script to create your own filters. This feature allows you to check values or set return codes that should be evaluated by the defined operators. It enables the handling of complex scenarios that are impossible to cover with predefined filter sets.

The following script languages are supported:

- Batch
- VBScript
- Windows PowerShell
- Bash
- ZSH
- JavaScript
- AppleScript
- PowerShell Core

This enhancement provides a flexible and powerful tool for tailoring filters to your specific needs.

Automatically log off users after inactivity.

You can now define an inactivity period. Users who have not had activity within this set time will be automatically logged out.

Support for multiple transform (mst) files

Multiple MST files can now be used with the "Install MSI" and "Install Uploaded MSI" actions.

Detect non-managed running MSI installation

Liquit Workspace now detects if there is an installer running outside of Liquit Workspace.

Disable local Identity Source Authentication

The authentication settings for a LOCAL identity Source can now be completely disabled.

"Modify group membership" wizard for packages

A new wizard has been introduced that allows you to easily create a package that modifies the group membership of the user executing it.

Web Proxy support for Workspace Server

It is now possible to configure a proxy on both the system and the server level. All Liquit components will leverage the proxy (for example identity sources and connectors).

Remove credentials for the end user

End users are now able to reset their saved credentials in addition to applications and settings. This can also be initialized from the administrator side.

Leverage 32-bit registry location for filtering

A new option has been added to let Workspace first check the 32-bit registry locations on a registry key filter. If the registry key is not found, the 64-bit locations will be used.

Check type on registry filters

In addition the value of a registry key you can now also match the type in the registry.
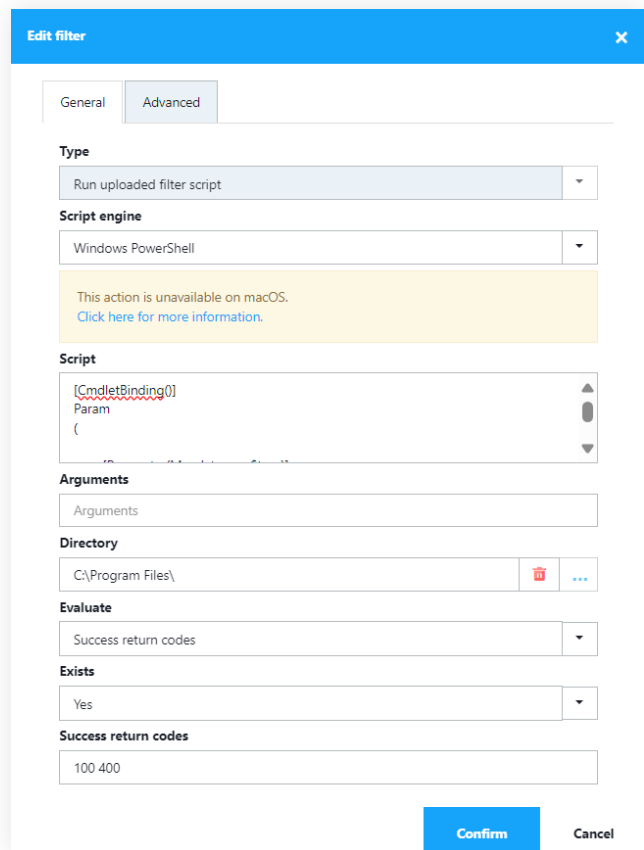
Show device MAC address

Mac addresses can be viewed on devices.

Dependency information creating a managed package

When creating a managed package from either the Liquit Setup Store or from a Liquit Workspace connector the dependent packages will be shown and are creatable within the same screen.

Support Windows 11 23H2

You can now filter on Windows 11 23H2 this filter is vailable on the following entities:

- Packages
- Contexts
- Device Collections

Wildcard support for tasks limits in server.json

You can now use wildcards in the task limits.

Additional package execution variables

Additional package execution variables have been introduced to aid in troubleshooting applications deployed via Liquit Workspace:

- **PackageStage**

  This represents the stage of the current package snapshot being executed (Development, Test, Acceptance, or Production).

- **PackageSnapshotName**

  This is the name of the stage used for the execution of the package.

- **PackageCollection**

  This is the Shortcut Name being executed.

- **PackageExecuteStage**

  This is the stage of the calling package stage. It can be different from PackageStage if the dependent package was executed in a different stage than the current package supports.

These additional variables provide more granular control and visibility during package execution, thereby enhancing the troubleshooting process.

License usage information in the PowerShell Module

The following information is made available in the Liquit PowerShell module:

- PurchasedType
- BillableCount
- PurchasedCount
- ExcludedCount
- OverUsage
- BillableRefreshedAt
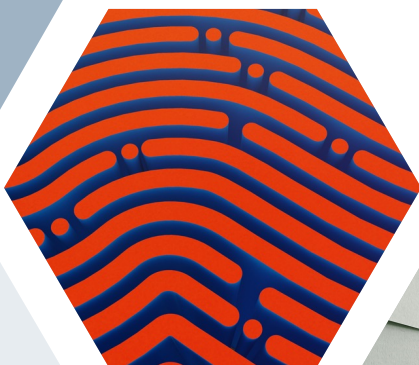
Liquit Setup Store
macOS support on the Liquit Setup Store connector

macOS applications are now deployable via the Liquit Setup Store connector. This allows you to manage applications on your macOS devices in the same way as on Windows devices. Both macOS x64 and macOS ARM64 applications are supported.

Dependency information on Liquit Setup Store packages

When you create a managed package from the Liquit Setup Store that requires certain dependencies, Liquit Workspace allows you to create these straight from the same wizard. These dependencies are also viewable on created packages.

Uninstall support for the Liquit Setup Store connector

When creating a managed package via the Liquit Setup Store connector, you can include uninstall actions.

Supersedence information on managed packages

When creating a new managed package from the Liquit Setup Store you will be notified if the application has been superseded by a different application in the Liquit Setup Store.

New Configuration Options

You can now configure the "PackageTempDir" variable used by the Liquit Setup Store connector. By default, installation logs for packages from the Liquit Setup Store are placed in the directory defined by the "PackageTempDir" variable. It is also possible to define an alternative location to store the logs via a new configuration option.

Portable applications

Portable applications are applications that require no prior installation on the system and thus create less of a footprint on the operating system. You can now deploy portable applications from the Liquit Setup Store connector.

Request for Liquit Setup Store wizard

The "request product" wizard has been reworked to ensure that you find the information you need.

Default output variable for primary install action for Setup Store connector

New variables have been added for the primary install action originating from the Liquit Setup Store connector. You can use these variables in combination with custom actions and actionsets.

Default output variable for primary install action for Setup Store connector

Two new predefined variables have been introduced, LATEST_INSTALL_EXITCODE and LATEST_UNINSTALL_EXITCODE, which can be used for uninstalling actions.
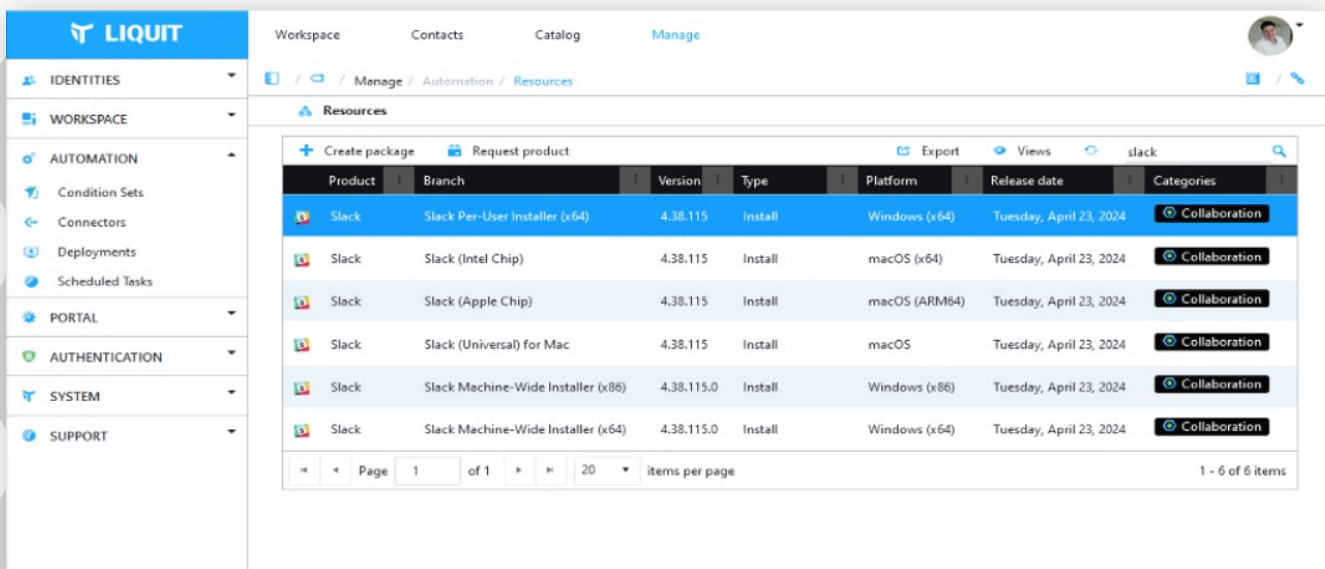
Liquit Access manager

Event tagging for Splunk

To further improve the Splunk event collector event tags are introduced. This allows you to tag events originating from a Liquit Workspace server to make it easier to track them within Splunk.

About Liquit

Founded in 2015 in the Netherlands, Liquit is a software vendor that delivers Enterprise-ready End-to-End Application Management for Hybrid Environments. Liquit bridges the gap between the IT department and the end-users. The Liquit platform makes accessing corporate IT resources for end-users less complex and easier than ever. With Liquit, IT departments have the tools that empower them to immediately respond to business requirements, enhance user productivity, and give their organization a competitive advantage.

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