

What's New Cayosoft Administrator V6

Go to New [Features List by ID](#)

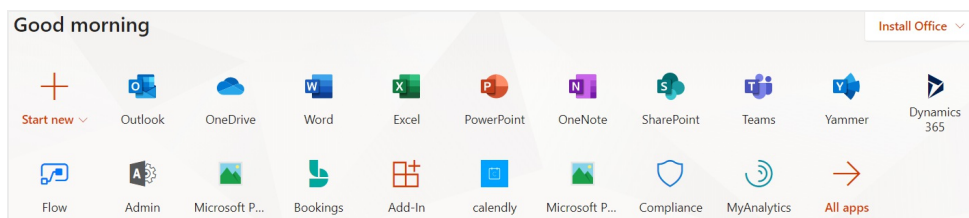
Version 6.x New Major Features

Self-Service for Microsoft Teams & Exchange Online DLs (new 6.3.1)

Self-Service Teams Management has been added. Now users can see the teams for which they are a designated manager and then perform the individual tasks they have been delegated. Item [3934](#).

Azure App Role Assignments (new 6.3.1)

Cayosoft can now assign Azure Application Roles for Hybrid or Cloud Users so that applications appear on the user's App menu presented at sign-on to Microsoft Office 365. This solution allows users to be assigned Application Roles without additional licensing from Microsoft. Items [4405](#), [4440](#).



Configuration Console UX Improvements (new 6.3.1)

User interface changes to both the Cayosoft Administrator Console and Web Portal have been implemented to improve the user experience for both. Items [4382](#), [4408](#).

- The Console's navigation tree has been improved and configuration setting nodes are now searchable. For example, in 6.3.0 you needed to know that outbound email settings were under Configuration > General. With these improvements you can now simply enter the word email or smtp into the search field and that setting will be displayed.
- The Web Portal's visual cues were improved to reduce the amount of unneeded visual data show to the user.
- The Web Portal's search results grid now defaults to single object selection which can now be accomplished by clicking on any part of the object details. The user can now also use the familiar CTRL+CLICK and SHIFT+CLICK to select multiple users.

Automation Runbooks for Office 365 (new 6.3.1)

New runbooks specifically for customers who manage cloud only and do not manage on-premises or hybrid resources. These runbooks are designed to allow the user to automatically provision, update and deprovision Office 365 Users from HR/ERP/SIS data sources. Item [4340](#).

Delegated Microsoft Teams Management

Microsoft Teams has replaced Skype for Business as a highly configurable and extensible collaboration tool integrated into Office 365. Team's flexibility and reconfigurable as well as its integration with SharePoint and Office 365 Groups can make managing teams complex and time consuming for IT staff.

Obsolete Microsoft Teams Detection & Owner Reviews

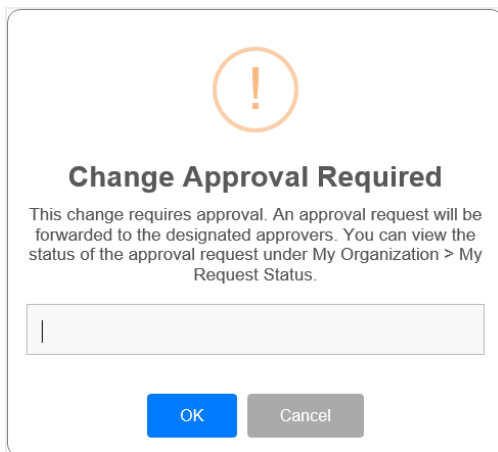
Cayosoft Administrator now has the ability to collect usage statistics for Microsoft to identify Obsolete or little used teams. This information can then be used to initiate Team Owner Review that allows the owner to indicate the team is no longer needed at which point it can automatically be archived. Team Owner Reviews can also be used make sure the owner is keeping the team's membership accurate and require the team owner to sign a digital Attestation Statement Compliance Statement.

FREE: Microsoft Teams Reporting

The new reporting rules give you a list of all the Teams created, with its settings, usage statistics, and empty ownership and membership. You can use these reports to build an inventory of your Teams environment, and analyze it for possible optimization and restructuring.

Group Membership Change Approval for Compliance and Security

Group Owners can now require their approval prior to changes being made to group memberships for the groups they own. In addition to requiring Approval, Group Owners can also make groups discoverable so that other users can make Self-Service Group Membership Requests.



New in v5: Hybrid & Cloud Group Certification - Cayosoft Administrator v5 added Group Certification (attestation and re-certification) to allow group owners to confirm both the accuracy of their group's membership and the continued need of their on-premises and/or online groups.

Self-Service Group Membership "My Memberships"

Self-Service users can now be given the ability to see a list of groups to which they belong. Users can also be given the ability to "Discover" other group to which they may want to become a member.

Cayosoft Public API Customer Preview (Coming Soon)

Cayosoft Public API will be released shortly after the v6 launch. The Cayosoft Public API is a PowerShell and Web Services based public API that can be used to create scripts that call Cayosoft Administrator Actions such as Add User to Group or Reset Password.

New Cayosoft Subscription Type Cayosoft Administrator "Essentials"

For customers who only need to manage on-premises resources like Active Directory and Exchange Cayosoft has introduced a new lower-cost subscription called Cayosoft Administrator Essentials.

Version 6 Enhancements by ID

For support end date for each version see [Cayosoft Administrator Lifecycle Matrix](#).

Version	ID	Item	Product Area
6.4.0	2546	An issue has been resolved when the data source file created from the CSV template was saved in wrong encoding.	Automation Rules and Reports
6.4.0	2615	New dashboard is added: Office 365 License Optimization . This dashboard displays a list of licensed users with optimization recommendations based on actual usage of Office 365 features, as well as aggregate potential savings across the entire environment or individual admin units.	Office 365 Web Management
6.4.0	3164	Now scheduled suspend and undo suspend operation for Active Directory users and groups can be canceled. Cancel scheduled operation button appears on the Suspend and Undo Suspend forms if the operation is scheduled.	Active Directory Web Management
6.4.0	3794	An issue has been resolved when user names were not displayed in the execution history report in Office 365 Mailboxes Grant User Permissions rule.	Automation Rules and Reports
6.4.0	3964	Product security vulnerability fixed for CWE-451 "Clickjacking - Framable Page".	Security
6.4.0	4070	Now Office 365 License Quota Report rule has File format setting. You can select the file format for the generated reports: CSV or HTML.	Automation Rules and Reports

6.4.0	<u>4429</u>	An issue has been resolved with the Office 365 Security group when group membership was not displayed in Web Portal if the number of members was over 500 objects.	Office 365 Web Management
6.4.0	<u>4430</u>	An issue has been resolved where it was impossible to open Active Directory group properties in the Web Portal if a group had a special character in its name. The issue was reproduced only on Windows 2019 after the 1809 update installed.	Active Directory Web Management
6.4.0	<u>4451</u>	New automation rule is added: <u>AD Objects Set Attribute Value</u> .	Automation Rules and Reports
		This rule queries the specified Active Directory scope and for each returned object sets or clears the specified Active Directory attributes.	
6.4.0	<u>4452</u>	An issue has been resolved in AD Users Account Expired and AD Users Account About to Expire reports when the values of <i>Company</i> , <i>Department</i> , <i>Manager</i> , <i>Office</i> , and <i>Title</i> user attributes were not displayed.	Automation Rules and Reports
6.4.0	<u>4460</u>	New setting Empty field in Data Source added to <u>Text file DynamicAttributes™ Update AD Users Properties</u> and <u>Text file Dynamic Attributes™ Update Office 365 Users Properties</u> rules.	Automation Rules and Reports
		This setting allows you to clear or leave as is the user attribute values in case of empty fields in a data source.	
		Also If the record contains empty fields, then overwrite fields with empty values setting is renamed to Empty field in Data Source in the following rules:	
		<ul style="list-style-type: none"> • <u>Text file Update AD Users</u> • <u>Text file Update Office 365 Users</u> • <u>Import Oracle Data Update AD Users</u> • <u>Import Oracle Data Update Office 365 Users</u> • <u>Import SQL Data Update AD Users</u> • <u>Import SQL Data Update Office 365 Users</u> 	
6.4.0	<u>4477</u>	Now Microsoft Teams Certification review can be run only for Teams that have external members (guests).	Office 365 Web Management
		<u>Microsoft Teams Certification Review rule</u> has a new Members filter setting that allows specifying running the certification review for all Teams or only for Teams that have external members.	

- 6.4.0 [4504](#) Now **Execution History** reports have a new **Total execution time** setting. Automation Rules and Reports
- It displays the difference between **Finished on** and **Started on** time.
- 6.4.0 [4549](#) An issue has been resolved where an attribute policy with a default value couldn't be applied to **Show User's Password Under Activities** setting for both Active Directory and Office 365 user accounts. Active Directory and Office 365 Web Management
- 6.4.0 [4562](#) Now you can suspend related admin account by using [AD Users | Suspend Users](#) rule. Automation Rules and Reports
- Employees may have secondary AD user accounts, linked to their primary AD user accounts by an anchor attribute. These accounts are so-called related admin accounts. New settings are added to the [AD Users | Suspend Users](#) rule to suspend such related admin accounts:
1. Suspend related admin account
 2. Primary AD account anchor attribute
 3. Secondary AD account anchor attribute
- 6.4.0 [4563](#) An issue has been resolved where it was impossible to open the properties of the groups displayed in [My Office 365 DLs](#) web query. Office 365 Web Management
- 6.4.0 [4589](#) Issues have been resolved with sending a rule output report to recipients specified in the **Bcc** field and with email reports not being delivered to the user manager in case **Notify Manager** setting is **Yes**. Automation Rules and Reports
- 6.4.0 [4591](#) Now new certification work items can be created for Teams, Active Directory and Office 365 groups that do not have pending or completed work items within a specified period of time. Office 365 Web Management
- [AD Groups Certification Review](#), [Office 365 Groups Certification Review](#), [Microsoft Teams Certification Review](#) rules have a new **Certification period (days)** setting.
- By default, the certification rule execution schedule defines the certification period. A new certification task is created for each group on every rule execution. You can set the desired certification period in days if you want to run the rule more frequently than the certification period. The rule will ignore groups and teams that have pending or completed tasks within this period.

6.4.0	4609	An issue has been resolved where an Organizational Unit with a forward slash "/" in its name did not work correctly when used in the "Limit scope" section of certain rules.	Active Directory Web Management
6.4.0	4610	Now when adding a new delegation rule or creating new attribute policies, hints are displayed when hovering over the names of the actions in the Policy Scope window.	Active Directory Web Management
6.4.0	4618	An issue has been resolved where a template CSV file in automation rules was overwritten if new columns were added. Now if a template CSV file is modified, a new CSV file is created instead.	Automation Rules and Reports
6.4.0	4629	An issue has been resolved in Update AD Users rules when Must change password at next logon setting was not applied if New Password password setting was specified in the rules.	Automation Rules and Reports
6.4.0	4635	An issue has been resolved in the Dynamic Group execution history report when no members were displayed in the Add\Remove members section.	Automation Rules and Reports
6.4.0	4645	An issue has been resolved where Active Directory user properties could not be opened in Web Portal if a user was located in an Organizational Unit with a forward slash "/" in its name and <i>userParameters</i> attribute was specified.	Active Directory Web Management
6.4.0	4741	New AD Users Update Oracle Database and AD Users Update SQL Server Database rules are added to update database records with AD user attribute values.	Automation Rules and Reports
6.4.0	4745	Now in Membership web action the values of all default columns are displayed. The default columns for AD group members query are defined in the Customize Columns section in Active Directory extension .	Active Directory Web Management
6.4.0	4761	In Suspend Office 365 User rule the following settings are renamed: 1. "Remote Device Wipe" -> "Remote Device Wipe (Exchange ActiveSync)" 2. "Delete all data from a mobile phone" -> "Delete all data from a mobile phone via Exchange ActiveSync"	Automation Rules and Reports
6.4.0	4769	In Office 365 Licensing Change Detection rule output email text is updated with a new path in the Administrator Console navigation tree.	Automation Rules and Reports

6.4.0	<u>4842</u>	Now <u>AD Users Set Attribute Value</u> and <u>Text file DynamicAttributes™ Update AD Users Properties</u> rules can be used as post rules in <u>New User web action</u> without custom filtering.	Automation Rules and Reports
		New default filters are added:	
		1. AD Users Set Attribute Value rule has new filter value: <i>ObjectGUID of User Created in Web UI</i>	
		2. Text file Dynamic Attributes Update AD Users Properties rule has new filter value: <i>User created in Web UI</i>	
6.4.0	<u>4853</u>	An issue has been resolved where the Domain Controller and credentials that are specified in <u>Active Directory extension</u> were not considered. for the AD Computers Inactive Disable Computer Accounts rule the	Automation Rules and Reports
6.4.0	<u>4854</u>	An issue has been resolved with Attribute Policy for <u>New User web action</u> when on Attribute Policy Setting for Manager form Override Label setting was disabled.	Active Directory Web Management
6.4.0	<u>4888</u>	An issue has been resolved when the same domains are listed as both managed and trusted in Active Directory extension in Administrator Console.	Product Configuration

Version	ID	Item	Product A
6.3.1	<u>2620</u>	New <u>Change History Details rule</u> can create reports on changes made by the Cayosoft Administrator Service over the specified period of time. This rule can be used audit changes made in Cayosoft Administrator on a regular bases by creating and sending a new report periodically.	Automation Ru Reports
6.3.1	<u>2901</u>	A Self-Service AutoSearch Option has been added. An option has been that will automatically perform a search when a user selects a query under the My Organization node. This makes Self-Service easier for users because they no longer need to click Search before they see the objects they manage.	Active Director Office 365 Wel Management Self-Service Management
6.3.1	<u>3233</u>	Self-Service Office 365 Distribution Group management has been added. A new web query called <u>My Office 365 DLs</u> has been added to My Organization container.	Office 365 Wel Management Self-Service Management
		This web query displays Microsoft Office 365 Distribution Lists and Mail-Enabled Security groups where the current signed-in user is set as the group owner.	

6.3.1	<u>3836</u>	<p>Additional error reporting has been added for Office 365 License Quota collection. The <u>Output section</u> of the <u>Analytics collection Quota Information rule</u> can now be configured to get the report with the list of quota collection errors.</p> <p>For example, Office 365 licenses can be applied to users that are remote linked mailboxes. Cayosoft Admin Service goes through master accounts to identify the UPNs to use to match to the cloud account. For some of remote linked mailboxes, master accounts may be deleted or not found. Such user accounts are so-called "failed" users. In this case, the rule will execute with the error. You can get the list of "failed" user accounts in the rule output report.</p>	Automation Ru Reports Office 365 Lice Management
6.3.1	<u>3934</u>	<p>Self-Service Teams Management has been added. A new section in the web portal named <u>My Teams web query</u> has been added to the My Organization node.</p> <p>This web query displays the list of Microsoft Teams teams where the currently signed-in user is set as an owner.</p>	Office 365 Wel Management Microsoft Tean Management
6.3.1	<u>4263</u>	<p>Additional automation scenarios were added for Office 365 with a new Runbook templates:</p> <ol style="list-style-type: none"> 1. Provision Office 365 Users 2. Update Office 365 Users 3. Deprovision Office 365 Users 	Office 365 Wel Management Office 365 Mar
6.3.1	<u>4331</u>	<p>Initial product setup has been made easier. Cayosoft Administrator's <u>Initial Configuration Wizard</u> has been simplified to show only mandatory pages and settings required for initial product configuration.</p>	Initial Configur Wizard
6.3.1	<u>4340</u>	<p>New automation rules have been added that allow bulk provisioning of Active Directory user accounts with remote linked mailboxes from different data sources:</p> <ol style="list-style-type: none"> 1. <u>Text file Create AD Users with Remote Linked Mailbox</u> 2. <u>Import SQL Data Create AD Users with Remote Linked Mailbox</u> 3. <u>Import Oracle Data Create AD Users with Remote Linked Mailbox</u> 	Automation Ru Reports User Provisioni

6.3.1 [4382, 4408](#) The product's user experience has been improved. Several key user interface improvements have been made in both the Cayosoft Administrator Console and Web Portal. UX Improvement

Cayosoft Administrator Console Improvements:

1. [The navigation tree has been reworked and now has a new structure.](#)
2. All tree nodes are searchable now.
3. Documentation was updated to reflect these changes.

Cayosoft Web Portal Improvements:

1. The grid visual style is updated.
2. Clicking anywhere on an object in the search results grid will now select that object.
3. **CTRL+Click** and **SHIFT-Click** can be used for multi-selection of objects in the search results grid.

6.3.1 [4390](#) Now multiple user email addresses can be specified in a [rule output section](#) to send a report. The emails should be separated by ','. You can also select recipients using the user picker dialog. Automation Rule Reports

6.3.1 [4405, 4440](#) Azure AD App Role assignment and reporting rules have been added to automate app role assignments in hybrid environments. Two new rules, [AD Group | Enforce App Role Assignment](#) and [Azure AD Applications and Role Assignments](#) rules are added. Automation Rule Reports
Hybrid Azure / Management

AD Groups | Enforce App Role Assignment rule queries the specified Active Directory groups and for each member of these groups assigns the selected application and role in Azure Active Directory. Users who are not members of the group are removed from the application assignment.

Azure AD Applications and Role Assignments rule queries Azure AD application roles and returns all users assigned to these application roles along with any additional Active Directory parameters you select.

6.3.1 [4415](#) An issue has been resolved with renaming Office 365 Security Groups. Office 365 Web Management

6.3.1	<u>4418</u>	<p>An option has been added to filter Shared Mailboxes from Office 365 license enforcement and validation rules. Shared mailboxes can now be excluded when enforcing or validating Office 365 licenses for hybrid user accounts.</p> <p>Exclude shared mailboxes setting is added to the rules:</p> <ol style="list-style-type: none"> 1. <u>AD Groups Enforce License</u> 2. <u>AD Groups Validate License</u> 3. <u>AD Users Enforce License</u> 4. <u>AD Users Validate License</u> <p>The default value of this setting is Yes.</p>	Automation Ru Reports Office 365 Lice Management
6.3.1	<u>4427</u>	<p>An issue with the Reset password web action not displaying the new password has been resolved. The new password is now displayed in the Results window after Reset password action.</p>	Active Director Office 365 Wel Management
6.3.1	<u>4446</u>	<p>The <u>Add to Groups</u> and <u>Membership</u> Web Actions now uses -like operator instead of -starts with when a search is performed using the Find field.</p>	Active Director Web Managem
6.3.1	<u>4498</u>	<p>Operation timeout (minutes) setting is added to the <u>Advanced Settings section</u>, in Active Directory extension.</p> <p>This setting defines the client-side timeout which is the period of time the Cayo Admin Services waits for Active Directory to respond. When executing heavy queries against Active Directory, it is recommended to increase the Operation timeout value to avoid timeout issues.</p>	Active Director Extension
6.3.1	<u>4519</u>	<p>An issue has been resolved with Exchange Distribution Groups reports that were returning only 1000 group objects. Now all distribution groups are processed.</p> <p>The issue is fixed in these reports:</p> <ol style="list-style-type: none"> 1. Exchange Distribution Groups 2. Exchange Distribution Groups Member Counts 3. Exchange Distribution Groups that are Empty 	Microsoft Exch Management
6.3.1	<u>4538</u>	<p>An issue has been resolved when the error occurs if the Office 365 user account that has virtual attributes configured was suspended on Subscriber.</p>	Office 365 Wel Management

Version	ID	Item	Prod
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- 6.3.0 [2419](#) Cayosoft Administrators can now be configured to write Change History details events to the Windows event log. Active and Of Web Manag
- This allows integration with automated SEIM or Auditing solutions such as SPLUNK - for records collection, auditing, alerting and reporting.
- Change auditing events can be enabled **Write change auditing events to Application event log** setting under Home > Configuration > General > Operational Messaging & Logging.
- 6.3.0 [2626](#), [4024](#), [4025](#), [4026](#), [4028](#), [4046](#) A new management extension for Active Directory Light-Weight Directory Services (**AD LDS**) has been added to the Cayosoft Administrator to enable creation, update and suspension of AD LDS accounts associated with Active Directory Users. AD LI Manag
- New automation rules for **AD LDS management** are added:
1. [AD LDS Accounts rule](#)
 2. [AD Users | Create AD LDS account rule](#)
 3. [AD Users | Update AD LDS account rule](#)
 4. [AD Users | Suspend AD LDS account rule](#)
 5. [AD Users | Undo Suspend AD LDS account rule](#)
- New [AD LDS Account](#) web action added to view AD LDS properties on a user account.
- Note that a [separate license is required to enable AD LDS extension](#).
- 6.3.0 [3833](#) Cayosoft Administrator can now collect the last usage statistics for Microsoft Teams including collection of the last document access and the last post. This feature now also returns teams with no activity and provides the ability to request the Team Owner review identified for and indicated if the team is still needed or if the team membership is accurate. If the Team Owner determines the team is no longer necessary the team can automatically be archived. Micros Manag
1. Office 365 Team Statistics rule is renamed to [Analytics Collection | Teams Usage](#).
- This rule queries Microsoft Teams for the list of Teams according to the specified query criteria and then records for each Team the last file access time and the last post time to added built-in virtual attributes **csvaLastFileAccessTimestamp** and **csvaLastPost**.
2. [Microsoft Teams Owner Certification Review](#) rule is added. Teams and their membership can be configured for periodic attestation for continued existence by group owners.
- 6.3.0 [3931](#), [4306](#) An issue was resolved with the assignment of next free Enterprise Voice Number for the automation rule **AD Users | Enable Skype On-premises** in multi-domain environments, number ranges with single number in the range and using multiple ranges to pick up the next free number. Skype Manag

6.3.0	4050	Dynamic Group Notifications can now be saved as a report or sent as an email to group owners. Execution report delivery can be configured with a new Output section added to the Dynamic Group configuration screen.	Dynamic
6.3.0	4190	An issue was resolved with Check Settings on the Active Directory Exchange Configuration Page. The Check Settings command did not always show that the service account's password had expired when Active Directory fine-grained password policies were in use. The Check Settings command was extended to consider fine-grained password policies in Active Directory. Specifically the value of the msDS-UserPasswordExpiryTimeComputed attribute is now taken into consideration.	Active Web Manag
6.3.0	4209	Dynamic Groups now supports Two Active Directory forests with independent domain trees.	Dynamic
6.3.0	4217	More details are now reported on the Activities Results dialog in the Cayosoft Web Portal for better change audit and troubleshooting.	Active and Of Web Manag
6.3.0	4192	In Office 365 License Quota Report rule Overage column is renamed to Overage or Warning Units to better reflect the column value. The footnote that describes the meaning of this column name is added.	Office Manag
6.3.0	4289	New settings are added to AD Users with Office 365 Licenses rule to specify which columns should be displayed in the report: <ol style="list-style-type: none"> 1. Show per-license service plan details - specifying whether to display service plan details columns in the report 2. Show license plan - specifying whether to display the Subscription Type column in the report. 	Autom Rules & Report
6.3.0	4296	MFA Settings web action is now supported for the linked mailbox accounts in a Microsoft Exchange Resource Forest Deployment.	Office Manag
6.3.0	4299	An issue was resolved with the report date format that would differ from the date format set in Regional settings. PowerShell Host settings now consider the Regional settings of the machine where the Cayosoft Administrator Service is installed.	Autom Rules & Report
6.3.0	4301	Accessibility was improved for screen readers when reading the web portal grid control.	Active and Of Web Manag
6.3.0	4303	An issue was resolved with the Microsoft Teams Members Report which incorrectly displayed ownership information.	Office Manag

6.3.0	4304	An issue was resolved with attribute policy settings related to user account options not being applied in Web Portal on a replicated Subscriber Server after configuration replication from Publisher had occurred.	Active Web Manag
6.3.0	4323	An issue was resolved with Customer Office 365 License Prices settings in the Microsoft Office 365 extension not being replicated.	Office Manag
6.3.0	4337	An issue was resolved with the Suspend web action which in some cases could fail to Suspend the Office 365 User properly due to Active Directory replication conflicts.	Accou
6.3.0	4350	An issue was resolved with properly processing shared mailboxes when running the Analytics collection Quota Information rule.	Office License Manag

Version	ID	Item	Product Area
6.2.0	1797	<p>Undo Suspend for Office 365 suspended accounts for hybrid and cloud-only user accounts.</p> <p>For Suspended Hybrid Office 365 accounts (synced from the on-premise Active Directory), the Undo Suspend web action now reverts all changes, both in on-premise AD and in Office 365.</p> <p>For Suspended Cloud-only Office 365 accounts, a new Undo Suspend web action has been added to the Microsoft Office 365 > Active Users web query. This web action will revert all changes performed when the Office 365 account was suspended.</p>	Office 365 Web Management
6.2.0	2379	<p>New Membership web actions were added to the Web Portal for Office 365 Groups and Teams:</p> <ul style="list-style-type: none"> • Membership for Office 365 groups • Membership for Office 365 teams <p>Delegate just the membership updates for simplified administration and tight control.</p>	Office 365 Web Management
6.2.0	2575	Cayosoft Administrator now supports creating Active Directory groups with a samAccountName up to 256 characters in length.	Active Directory Web Management
6.2.0	3154	<p>The uniqueness check for Active Directory user Display Name can be turned off.</p> <p>The Validate Display Name uniqueness setting was added to User Name Generation Rules section in the Active Directory extension settings to turn the Display Name uniqueness check on or off.</p>	Active Directory Web Management

6.2.0	<u>3301</u>	<p>A new Set mail attribute setting was added to New User (Active Directory) web action.</p> <p>This setting controls the population of the mail attribute during user creation so that only new users with a mailbox will have the attribute populated.</p>	Active Directory Web Management
6.2.0	<u>3728</u>	<p>A unique Display Name, Alias or Email address is enforced for the New Office 365 Groups and New Teams web actions. If these attributes are not unique, the creation wizard will display an error to the user.</p>	Office 365 Web Management
6.2.0	<u>3916</u> <u>4058</u>	<p>New web actions have been added for controlling the archiving of Microsoft Teams. The Archive web action and Unarchive web action allow for the delegation of this capability through the Cayosoft Web Portal.</p>	Office 365 Web Management
6.2.0	<u>3919</u>	<p>When an administrator uses the New Office 365 Team or New Office 365 Group web actions, this user is set as the default owner of the Team or Group. When the administrator who is running these commands does not have an Office 365 account, the wizard now displays an error so the administrator can choose an owner who does have an Office 365 account.</p>	Office 365 Web Management
6.2.0	<u>3931</u>	<p>An issue was resolved with the AD Users Enable Skype On-premises rule that enables users for On-premises Skype and assigns them phone extension numbers. The retrieved extension number can already be assigned in a multi-domain environment.</p> <p>The function Get-CayoCsNextFreeNumber was improved to get the next free extension number for LineURI setting in the AD Users Enable Skype On-premises rule in a multi-domain environment.</p>	Skype Server Management
6.2.0	<u>3943</u>	<p>The following rules have been improved to support linked mailboxes in Exchange Resource Forest Environments:</p> <ol style="list-style-type: none"> 1. AD Users with Office 365 Licenses 2. AD Users Enforce License 3. AD Groups Enforce License 4. AD Users Validate License 5. AD Groups Validate License 6. AD Users Set Office 365 Mailbox Settings 7. AD Users Update Office 365 Accounts 	Automation Rules and Reports
6.2.0	<u>3946</u>	<p>When delegating mailbox permissions, an account with a remote linked mailbox may now be selected as a trustee.</p>	Office 365 Web Management

6.2.0	3965	The New Office 365 Team wizard has been improved. When creating an Office 365 team based on an existing Office 365 Group, the group's owners are displayed in the wizard.	Office 365 Web Management
6.2.0	3973	Cayosoft Virtual attributes are now supported for both Active Directory and Office 365 users, Groups and for Microsoft Teams.	Office 365 Web Management
6.2.0	4014	An issue was resolved that delayed the opening of the Cayosoft Administrator Automation and Configuration Console immediately after an upgrade.	CGraph Module
		Azure AD Conditional Access policies with Device platform conditions supported to control connection to Office 365 from Cayosoft Administration Service and CGraph PowerShell module.	
6.2.0	4027	To help customers better understand Cayosoft Administrator licensing requirements a separate license is now required to enable the on-premises Microsoft Skype Server extension . This does not affect Skype for Business management capabilities.	Skype Server Management
6.2.0	4037	During AD account creation, if the provided password does not meet the AD password complexity requirements, user provisioning now continues with the execution of all post-rules and reports the error to the Activity Results.	Active Directory Web Management
6.2.0	4041	An issue was resolved with copies of the Office 365 Licenses web action and the Active Users web query after an upgrade.	Office 365 Web Management
6.2.0	4060	An issue was resolved that prevented user mailbox properties from being displayed when using Internet Explorer.	Active Directory Web Management
6.2.0	4064	An issue was resolved that prevented the selection of the specific CSV templates from the list of templates in automation rules that use a text file as a data source.	Automation Rules and Reports
6.2.0	4073	New Reports for Exchange have been added: <ul style="list-style-type: none"> 1. Office 365 Recipients Email Statistics 2. Office 365 Recipients Email Applications Usage <p>Exchange mailbox sizes and quota reports improved with additional details:</p> <ul style="list-style-type: none"> 1. Exchange Mailboxes, Sizes and Quota 2. Office 365 Mailboxes, Sizes and Quotas 	Automation Rules and Reports

6.2.0	4083	An issue was resolved with the Enforce license precedence not working correctly in some situations during license assignment.	Office 365 Web Management
		Enforce license precedence for Office 365 licenses was improved to support all possible combinations of the currently assigned and to be assigned licenses and plans.	
6.2.0	4087	An issue was resolved that Team membership displayed in the Cayosoft Web Portal differed from the native tools. Group membership changes have been improved for Office 365 Teams: <ol style="list-style-type: none"> 1. When a new member is added to a new or existing Team, he receives notification and sees this team in the Teams client. 2. When a team member's role is changed to the owner - he receives notification about ownership assignment. 	Office 365 Web Management
6.2.0	4094	An issue was resolved for Dynamic Group membership rules query: AD Users - Employees under manager fails on groups with 20000+ members.	Automation Rules and Reports
6.2.0	4097	Admin Consent feature is improved in Microsoft Office 365 extension : <ol style="list-style-type: none"> 1. A specific message is displayed in Consent status when no consent is granted or only some permissions are missing after the upgrade. 2. Depending on Consent status state, different warnings are displayed when running Check settings command. 	Office 365 Extension Settings
6.2.0	4105	Undo suspend action for remote linked mailboxes is now supported. Suspend Office 365 User and Undo Suspend Office 365 User web actions have been updated to support Undo Suspend for remote linked mailboxes.	Office 365 Web Management
6.2.0	4175	In Country\region list Korea, republic of is renamed to Korea .	Active Directory Web Management
6.2.0	4180	In Microsoft Office 365 extension settings, Customer prices for Office 365 licenses section, column Price is renamed to Price (user/month) .	Office 365 Web Management
6.2.0	4182	An issue was resolved that HTML report date was displayed in a format that differs from regional settings.	Automation Rules and Reports

6.2.0	4197	AD Users Enforce Object Retention (Delete) rule improved to support calling the Run Unsupported Script rule as a Rule to run after .	Active Directory Web Management
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Version	ID	Item	Product Area
6.1.1	3504	Virtual Attributes feature was added to extend the attribute list for user accounts in Active Directory without extending the Active Directory schema. Virtual Attribute values are stored in Cayosoft Administrator Database.	Active Directory Web Management

Virtual Attributes are typically used to control which user accounts get access to various services through membership in Dynamic Groups or through executing specific provisioning rules.

6.1.1	3755	A new type of dependency is supported between two Office 365 license plans when the option in one Office 365 plan depends on another option in another Office 365 plan.	Office 365 Web Management
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For example, user account might have two plans assigned: Office 365 (Plan E3) (ENTERPRISEPACK) and Dynamics 365 Customer Engagement Plan (DYN365_ENTERPRISE_PLAN1).

Office 365 (Plan E3) plan has SharePoint Online (Plan 2) option enabled, and Dynamics 365 Customer Engagement Plan has a Project Online Service option enabled. Project Online Service depends on SharePoint Online (Plan 2) from Office 365 (Plan E3), thus Dynamics 365 Customer Engagement Plan depends on Office 365 (Plan E3).

Such dependencies require Cayosoft Administrator to revoke and apply license plans in a specific order. To define dependencies, you should specify these plans in **License Add-ins Services IDs** setting in **Microsoft Office 365 extension, [Advanced Settings](#)** section.

In the example above, specify DYN365_ENTERPRISE_PLAN1 in the **License Add-ins Services IDs** setting.

6.1.1	3947	Cayosoft Administrator now supports up to 256 character passwords for Office 365 user accounts.	Office 365 Web Management
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6.1.1	3955	When a new Microsoft Team owner is assigned, Cayosoft Administrator validates the new owner has a Team license option assigned through one of the assigned Office 365 license plans. This validation was extended to support more license plans, including Government set of plans.	Office 365 Web Management
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6.1.1	3976	An issue was resolved with replicating the Password to encrypt data in data setting in the Self-Service - Password Self-Service Enrollment Details to Subscriber services. As a result of this issue, users enrolled on Publisher Services were not able to reset their password or unlock their account on Subscriber. Note: After the upgrade to 6.1.1, an additional rule must be run to apply the fix to user accounts who already enrolled with an incorrectly replicated encryption password. The rule name is AD Users Fix Replication Issue for Self-Service Enrollment (KB20190517-1) .	Self-Service Management
6.1.1	3981	An issue was resolved that could cause an unexpected forced shutdown of the Administration Service, when service is started for the first time after the product upgrade. As a result of such a shutdown, Service might not start because the database upgrade procedure was not fully completed.	Upgrade Procedure
6.1.1	4013	Error reporting is extended when the connection to MS Graph API can't be established for some reason: the system error message is now reported to the Application event log, as well as displayed on clicking Check Settings in Microsoft Office 365 extension .	Error Reporting
6.1.1	4019	New Databases Maintenance Rule were added to the product. This rule performs database maintenance procedures that keep the database in an optimal state.	Automation Rules and Reports
6.1.1	4023	An issue was resolved when automation rules added as post rules could not be run by a schedule in a replication group.	Automation Rules and Reports

Version	ID	Item	Product Area
6.1.0	2697, 3786	The new and improved design introduced for HTML reports and export to PDF from the Web Portal grid.	Web Portal
6.1.0	2851	Web Portal custom logo and background images are now preserved on upgrade.	Web Portal
6.1.0	3030	Cayosoft Administrator Public API is introduced in a Technical Preview mode. Public API is a REST API that provides access to the Cayosoft Administrator functionality through REST calls and PowerShell. Access to Public API through PowerShell requires Cayosoft CGraph Module to be installed from the PowerShell Gallery .	Public API
6.1.0	3143	When Hide from GAL option is set on user mailbox in Cayosoft Web Portal, user mailbox is hidden in Outlook desktop.	Exchange Web Management

6.1.0	3198	<p>List of grid columns on Active Directory Group Members tab and User Membership form can be configured.</p> <p>Member properties to display setting is added to Membership web action and Properties web action (Active Directory groups).</p> <p>The default set of columns is taken from the Default columns for AD Group members query defined in Active Directory extension > Customize columns section.</p>	Active Directory Web Management
6.1.0	3213	<p>The number of days before the password expires added to emails sent by AD Users Send Password Expiration Notification rule.</p>	Active Directory Web Management
6.1.0	3222	<p>Export to PDF/HTML/CSV is enabled for the group membership list, as well as the following grids:</p> <ol style="list-style-type: none"> 1. Member Of grid on AD User, Group, Contact, Computer Properties 2. Members grid on AD Group Properties command 3. Add to Groups command 4. Membership commands 5. Member Of grid on Office 365 User and other objects 6. Members grid on Groups and Teams Properties 7. Owners grid on Groups and Teams Properties 	Active Directory Web Management
6.1.0	3532	<p>Require user to provide contacts option applies on a user even if MFA is enabled via Baseline policy.</p>	Office 365 Web Management
6.1.0	3549	<p>New Office 365 Group and New Team wizards are extended with the Group Settings page that allows setting these group settings:</p> <ol style="list-style-type: none"> 1. Send copies of group conversations and events to group members inboxes 2. Enable sending system-generated welcome messages to users who are added 3. Let people outside the organization email the group 4. Hide this group from address lists 5. Hide this group from Outlook clients <p>Hide this group from Outlook clients setting is added to Mail Properties for Office 365 Group.</p>	Office 365 Web Management

6.1.0	3558	<p>New setting Include Contact objects to prevent potential conflicts between mail-enabled users and contacts added to attribute policy.</p> <p>This setting can be used in Name conflict resolution section when attribute policy is applied to User Name (UPN Prefix) generation. It helps to prevent potential conflicts between mail-enabled users and mailNickname attribute of contact objects.</p>	Attribute policy
6.1.0	3574	<p>Several reporting rules are improved to report on objects from the nondefault Active Directory domain:</p> <ol style="list-style-type: none"> 1. AD Users Group Memberships 2. AD Groups that are Empty 3. AD Groups (No Filtering) 4. AD Groups with nested group members 5. AD Groups and Members 6. AD Groups Unix Enabled 	Active Directory reporting
6.1.0	3581	<p>Cayosoft Web Config Tool now automatically updates Session State timeout setting for Web Portal site to the value that is set in CayosoftWebAdminPool.</p>	Web Configuration Tool
6.1.0	3607	<p>The improved user experience with using the Administrator Console by multiple people connected to the machine running the Administration Service via RDP connection: a Refresh button added to Administrator Console Home root node to reload changes made by other administrators.</p>	Administrative Console
6.1.0	3613	<p>Team email address prefix and suffix can be specified during Office 365 team creation.</p> <p>Enforcing prefix of the team name and team email, or enforcing specific email domain suffix, you can enforce each new team created by delegated admins to be "tagged" with department or agency assignment.</p> <p>Also, Mail properties command added for the Office 365 team.</p>	Office 365 Web Management
6.1.0	3674	<p>Admin Units can be configured for Office 365 groups.</p> <p>Use CayoAdminUnitName token in attribute policies and AdminUnitName variable in Groups-Office web query for configuration.</p>	Office 365 Web Management
6.1.0	3677	<p>Automation rules that are linked as run-after rules to different Web Actions are now replicated to all subscribers.</p> <p>Scheduling on such rules is disabled so that one instance is not run on a schedule on multiple services simultaneously by accident.</p>	Active Directory Automation

6.1.0	3693	When performing Add member from file web action and the added user doesn't exist, Object not found notification is displayed.	Active Directory Web Management
6.1.0	3730	CGraph PowerShell Module updated on the PowerShell Gallery to version 6.1.0 to support Cayosoft Administrator Public API Technical Preview.	CGraph PowerShell Module
6.1.0	3732	When performing Mailbox web action for a synced user account, the message about managing mailboxes for synced users is improved with more details: <i>"Office 365 User account is synced from an on-premise Active Directory user account. To manage this user mailbox, navigate to AD Users query, find an originating AD user account and run Mailbox command".</i>	Office 365 Web Management
6.1.0	3754	To speed up initial enrollment of group membership approval, AD Groups Set Membership Approval rule is introduced in the product. This rule queries Active Directory for all specified groups and sets group settings for membership approval and Self-Service discovery and joining.	Active Directory Web Management
6.1.0	3763	Change My Password web action is included in the Community Freeware Subscription .	Product Licensing
6.1.0	3770	You can configure the alert about rule execution errors to report only on rules that are critical for you. Execution History Notify Administrator About Errors rule has new Exclude errors in these rules setting, that allows specifying the rules which result will be excluded from the execution history errors report. Execution History Notify Administrator About Errors rule scans the rules Execution History and notify the administrator if rules produce errors during rule execution.	Active Directory Automation
6.1.0	3780	DN lookup chunk size setting is added to Active Directory extension, Advanced Settings section . If automation rule or web action uses bulk processing for objects management, all objects are split into chunks for queries. This setting defines the maximum number of objects in one query.	Active Directory Automation

6.1.0	3800	Initialization Script section added to AD Groups Suspend Empty Groups rule. Use this section to enumerate groups based on date and time period. For example, to get groups updated more than X days ago.	Active Directory Automation
6.1.0	3817	Users can be automatically enrolled in bulk into Self-Service Password Reset providing the text file with their questions and answers. Text file Populate AD Users Self-Service Q&A Profile rule is introduced in the product. This rule reads the specified data source file, for each file record finds a corresponding AD user account, and populates or updates this user questions and answers in the Self-Service Q&A Profile.	Self-Service Management
6.1.0	3819	Exchange Online custom attributes can be specified during the creation and management of the Office Groups and Distribution Groups: <ol style="list-style-type: none"> 1. New Office 365 Group web action 2. New Distribution Group web action (Office 365) 3. Properties web action (Office 365 group) 	Office 365 Web Management
6.1.0	3845	Scheduling user or group suspend considers the local time zone of the Administration Service more accurately. To resolve this issue, the new version of Cayosoft Suspend tool must be installed.	Active Directory Management
6.1.0	3889	Member of the Office 365 group and Member of the AD group rules are added for Dynamic groups. These rules add all members of the specified group to the Dynamic group as direct members. Use these rules when group nesting is not available or can not be used. For example, include members of one Office Group to another, despite the absence of native support for group nesting for Office Group.	Active Directory and Office 365 Automation
6.1.0	3930	Sporadic error is fixed in the AD Users Enable Skype On-premises rule, when Skype session gets broken and Skype credentials get cleared from the memory.	Skype On-premises Management
6.1.0	3931	Sporadic error is fixed in the AD Users Enable Skype On-premises rule, when assigning a user the next free number results in an attempt to assign a previously used number.	Skype On-premises Management

Version	ID	Item	Product Area
6.0.0	1322	<p>Approval over group membership change added.</p> <p>Group membership change approval can now be enabled for Active Directory groups. In this case, each time when somebody wants to add or remove group members, new approval request will be created and assigned to the group owner(s). The group owner(s) will receive email notification about this. After that, they could open Cayosoft Administrator Web Portal and complete the approval request - approve or reject it.</p>	Active Directory Web Management
6.0.0	2594	Administrators can now invalidate user Self-Service Password Management Profile and force this user to re-enroll for Self-Service Password Management.	Self-Service Management
6.0.0	2849	Cayosoft Administrator version number and admin service computer name added to the Web Portal Home Page by moving the mouse over their user name.	Web Portal
6.0.0	3197	Global Catalog selection logic extended to check if the provided default Domain Controller has a Global Catalog role and if it has, this Domain Controller is used for further GC calls.	Active Directory Web Management
6.0.0	3375	Essentials subscription is introduced in the product. This subscription includes Active Directory management, Active Directory dynamic groups, Group & Password Self-Service, Office 365 and hybrid reports.	Product Licensing
6.0.0	3386	The rule Office 365 Mailboxes Grant User Permissions rule is added to query Office 365 mailboxes that satisfy the specified criteria and grants permissions over these mailboxes to the specified users or security groups.	Office 365 Web Management
6.0.0	3443	Page sizing is fixed in AD Computers web query in Cyosoft Web Portal.	Active Directory Web Management
6.0.0	3448	<p>Button label is changed in Reset Password Quick Action to Submit.</p> <p>The operation in the pop-up notification and in activities list is renamed to Reset Password / Unlock Account.</p>	Active Directory Web Management
6.0.0	3457	<p>The following Microsoft Teams free reporting rules were added:</p> <p>Office 365 Teams With No Owners or Members rule</p> <p>Office 365 Team Channels rule</p> <p>Office 365 Team Tabs rule</p> <p>Office 365 Team Statistics rule</p>	Microsoft Teams Reporting

6.0.0	3479	The Microsoft Office Administrative Unit now includes a web query and actions for Microsoft Teams . Web actions include create a new team, modify properties of an existing team or delete a team .	Office 365 Web Management
6.0.0	3480	Users can view their own group membership and add themselves to published groups in Self-Service. Users with delegated access to My Organization > My Memberships web view can see either all the Active Directory groups which this user is a member of or only his membership in groups published for discovery. You can publish the Active Directory groups to allow people to join and leave the groups in Cayosoft Self-Service.	Self-Service Management
6.0.0	3498	The Computer Properties dialog box Info tab now includes the following details: Password Last Set, When Created, When Changed, Object GUID, Object SID Properties.	Active Directory Web Management
6.0.0	3509	The x-xss-protection header added to the HTTP request for integration with Google Maps services.	Security
6.0.0	3512	When Multi-Factor Authentication (MFA) is enabled for the Office 365 connection account , the error displayed immediately on Cayosoft Administrator console starts, as MFA is not supported for the connection account.	Office 365 Settings
6.0.0	3524	Error is fixed in Dynamic Groups when it has a reference to a deleted object in its membership rule.	Active Directory Web Management
6.0.0	3529	Temporary files are deleted after replication rule completes.	Replication
6.0.0	3530	When the user account lockout policy is set to Administrator manually unlocks the account , the properties of the locked user now display correctly.	Active Directory Web Management
6.0.0	3543	Result grid in Web Portal is rendered properly after the upgrade and you don't need to clear browser cache manually.	Web Portal
6.0.0	3552	PasswordLastSet column can be added to the AD Computers web query to display the last password update for computer accounts.	Active Directory Web Management
6.0.0	3555	Policy check error is fixed in Attribute policy when it applies to Logon controls on User Properties web action and they are set to read-only.	Attribute Policy

6.0.0	3556	<p>A wait time variable has been added to delay the application of mailbox regional settings during user provisioning to prevent errors. By setting this wait time, the system will wait the specified time to give Microsoft Exchange Online additional time to create the mailbox before attempting to apply Regional Settings. The following rules now contain this variable:</p> <ul style="list-style-type: none"> • AD Users Create Exchange Mailboxes • New-User Create On-premises Linked Mailbox • New User Create On-premises Mailbox • New User Office 365 Mailbox post creation tasks • AD Users Set Office 365 Mailbox Settings • AD Users Set Exchange Mailbox Settings 	Exchange Recipient Management
6.0.0	3566	A user account can be added to Active Directory group with Membership action when Additional Scope for Object Selection in AD Groups web query contains deleted Organizational Unit.	Active Directory Web Management
6.0.0	3585, 3589	Web Portal performance was optimized and time was reduced to complete the sign in and other operations.	Web Portal Sing-in
6.0.0	3588	Policy check error is fixed in Attribute policy when it applies to License options on Enable mailbox web action and any license is selected and made read-only.	Attribute Policy
6.0.0	3595	<p>The warning message is displayed to users connecting to Cayosoft Web Portal with Internet Explorer 10 or 11.</p> <p>Due to Microsoft recent end-of-life announcement for Internet Explorer Cayosoft has added a tool to help administrators to drive adoption of modern browsers. Administrators can now customize the warning message and add a redirect link to internal resources where users can upgrade their browser.</p>	Web Portal Sign-in
6.0.0	3604	A delegated administrator can perform the assigned actions when a container object is selected as a Web Query scope.	Active Directory Web Management
6.0.0	3605	Suspend command is now enabled in Web Portal for the disabled AD user accounts.	Active Directory Web Management
6.0.0	3606	Master Account SID and Master Account name fields added to the Info tab on User Properties form .	Active Directory Web Management

6.0.0	3623	<p>Starting with Cayosoft Administrator version 6.x, when configuring replication group for Administration Services, all Change History records and Work Items are now consolidated on a Publisher service.</p> <p>This provides admins and help desk staff with a single unified view of Change History and streamlines Workflow Item configuration. Subscribers are no longer maintain a separate Change History or Workflow Items database.</p> <p>Important: Additional manual steps required during the upgrade to 6.x:</p> <ul style="list-style-type: none"> • If you already have the replication group, please, refer to the Upgrade from the earlier version article. • If you are going to configure the replication group, please, refer to the Replication article. 	Replication Configuration
6.0.0	3624	<p>New rule Change History Import From DB File was added to import change history records from the subscriber database files to the publisher database files.</p> <p>Use this rule after upgrade to 6.x version to import change history records from subscriber service to publisher service:</p> <ul style="list-style-type: none"> • When you already have the replication group configured in your environment • When you are going to configure the replication group 	Replication Configuration
6.0.0	3638	<p>The error is fixed in Office 365 License Quota Report.</p> <p>The report displays only those licenses that configured for a specified Admin Unit.</p>	Office 365 Web Management
6.0.0	3639	<p>The error with the creation of remote linked mailbox is fixed. After creation, remote linked mailbox is displayed in Exchange On-premises console.</p>	Exchange Recipient Management
6.0.0	3646	<p>Web Portal improvement: operation date, time, and timezone are now displayed at the top right corner of the Action Result dialog box.</p>	Active Directory Web Management
6.0.0	3649	<p>The Suspend User web action and automation rules now suspend AD user accounts even when the sAMAccountName attribute is longer than 20 characters.</p>	Suspend

[For more information on Suspend Configuration Go Here.](#)

6.0.0	3734	Friendly names for additional Office 365 plans added to the <i>O365LicenseCache.xml</i> file.	Office 365 Web Management
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For details on features added in v5 [go here](#).