

What's New Cayosoft Administrator v7

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

[Go to What's New in v6](#)

Major New Features in Cayosoft Administrator v7

Microsoft Teams Direct-Dial Number Assignments

Cayosoft Administrator can now assign the next free phone number and Calling Plan in Microsoft 365 cloud to each user in the specified Active Directory user scope.

Support for Azure AD Application Proxy

After a single sign-on to Azure AD, users can access both cloud and on-premises applications through an external URL or the internal application portal. Cayosoft Administrator can now be added along-side other applications set to use the Azure AD Application Proxy.

The Cayosoft Administrator Web Portal has improved Azure AD Authentication Integration

The Administrator Web Portal's Azure Active Directory Authentication capabilities have been improved by adding support for Microsoft Azure MFA (Multi-Factor Authentication) and Microsoft Azure SSO (Single Sign-on).

Guest Account Management has been added

Cayosoft Administrator now provides three great new features for Microsoft Guest Account Management. First, The Cayosoft Administrator Web Portal has been extended to provide Guest Account Creation, Guest Account Properties Management, and Guest Group Membership Management. Second, Cayosoft Administrator now has the ability to create Guest Accounts in bulk from Text files, Microsoft SQL Server Data Tables, or from Oracle Data Tables. And third, you can now convert regular User Accounts to Guest Accounts and Guest Accounts to regular User Accounts.

Improved Individual Server Fault Tolerance

The Active Directory on-premises configuration now provides the option to specify a secondary domain controller. If the Administration Service identifies issues with the connection to the primary domain controller, it can now automatically fail-over to the secondary domain controller.

Password History Enforcement for Self-Service Password Management

An option has been added to enforce Active Directory on-premises password history for users of Cayosoft Administrator Password Self-Service Management.

Improved Microsoft Teams Governance

Building on the Microsoft Teams Governance features in v6, several new features have been added in 7.0 including Microsoft Teams Policy Assignments.

Google Chrome 80 Support Added

The Cayosoft Administrator Web Portal now supports the use of the new Chrome 80 browser.

Enhancements by ID

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

Version	ID	Item	Product Area
7.3.1	1852	Default values for Country\region and mail suffix attributes can be set in Enable Mailbox Web Action using Attribute Polices .	Product configuration
7.3.1	1853	Other Attributes and Virtual Attributes tabs are added to the following Web Actions: <ol style="list-style-type: none">1. New Equipment Mailbox2. New Room Mailbox3. New Shared Mailbox4. New Distribution Group	Active Directory Web Management
7.3.1	2042	In Web Portal, end-users can now pick and re-order their own columns in Web UI grids. The new menu item Choose Columns is added to the grid drop-down menu at the top right corner of the grid. When you click this menu item columns picker popup dialog is opened.	Active Directory and Office365 Web Management
7.3.1	4335	New hybrid membership rule commands have been added for Cayosoft Office 365 Dynamic Groups to populate Office Groups and Teams based on user information stored in on-premise Active Directory: <ol style="list-style-type: none">1. AD Users2. Members of the AD Group <p>AD Users membership rule command updates Office 365 Dynamic Group membership with Active directory users whose accounts are synced to Office 365.</p> <p>Members of the AD Group membership rule command updates Office 365 Dynamic Group membership with the members of the Active Directory group whose members are synced to Office 365.</p>	Automation Rules and Reports

7.3.1	4919	<p>Email address conflict is now checked against <i>mail</i>, <i>proxyAddress</i> and <i>targetAddress</i> attributes of all recipients when performing the following web actions and automation rules if these rules have the alternate email generation:</p> <ol style="list-style-type: none"> 1. New/Clone User 2. New Room/Equipment/Shared Mailbox 3. Enable Mailbox/Mail-Enable User 4. New Distribution Group 5. Text file Create AD users 6. Import Oracle Data Create AD Users 7. Import SQL Data Create AD Users 8. AD Users Set Proxy Addresses 	Automation rules and reports
7.3.1	6144	<p>New Distribution Group Web Action has been improved:</p> <ol style="list-style-type: none"> 1. Group Type selection is removed since if you make a group as Distribution List in on-prem Exchange, Azure AD Connect would also make it a Distribution List in Exchange online. 2. Create groups using Active Directory setting is added. It is used only when the Exchange extension is configured. If set to No, the group will be created through the Exchange server. 3. Validate suffix with Office 365 setting is added. It used for hybrid Exchange environments only. When set to Yes, the action will not allow a suffix that isn't listed as a valid domain for the Office 365 tenant. 	Active Directory Web Management
7.3.1	6629	<p>Enable Mailbox Web Action has been improved with a setting to control the creation of a missing cloud account.</p> <p>This setting allows verifying if a corresponding cloud account exists before creating a remote/Office 365 mailbox. If the account does not exist, a Yes setting will create it, while No will cause the action to fail.</p>	Active Directory and Office 365 Web Management
7.3.1	6764	<p>New User Create Remote Mailbox and New User Create On-premises Mailbox rules are improved with the new Alias generation rule setting.</p> <p>This setting allows specifying the format of <i>mailNickname</i> attribute.</p>	Automation rules and reports
7.3.1	6768	<p>AD Users Set Proxy Addresses rule improved to allows add, update, or remove email addresses of other types than SMTP. For example, add a new SIP address.</p>	Automation rules and reports

7.3.1	6780	An issue has been resolved in Compare membership Web Actions (both for Active Directory and Office 365) when group lists were not sorted by default.	Active Directory and Office 365 Web Management
7.3.1	6781	An issue has been resolved in Dynamic Groups when the imported group was unable to run by schedule.	Automation rules and reports
7.3.1	6839	The mailbox provision Web Actions: <ul style="list-style-type: none"> 1. New Equipment Mailbox 2. New Room Mailbox 3. New Shared Mailbox 4. New User 5. Clone User <p>are updated with the same settings:</p> <ul style="list-style-type: none"> 1. Primary email prefix generation rule 2. Primary email suffix 3. Show email prefix and suffix controls 4. Email Alias generation rule (mailNickname) 	Active Directory Web Management
7.3.1	6851	Friendly names for additional Office 365 license plans have been added to the product.	Office 365 Web Management
7.3.1	6871	An issue has been resolved in AD Users Set Attribute Value rule when it fails if <i>HomePage</i> attribute was selected for an update.	Automation rules and reports
7.3.1	6874	Microsoft Teams rule output report now lists all team owners.	Automation rules and reports
7.3.1	6931	The " <i>Sign to Cayosoft Administrator</i> " text on the sign-on page in Web Portal can be customized.	Active Directory and Office 365 Web Management
7.3.1	6933	AD Users Set Office 365 Mailbox Settings rule is updated with a new <not set> option that allows ignoring some options and updates another.	Automation rules and reports
		The rule can now be used to update individual mailbox settings for existing user accounts in bulk.	
7.3.1	6934	Up/Down buttons are added to the Attribute Policy Scopes list to modify policy scope precedence.	Product Configuration
7.3.1	6941	An issue has been resolved in Convert to shared mailbox Web Action when after conversion some Exchange attributes were not updated properly and the user mailbox still displayed in the mailboxes list instead of the Shared list in Exchange Admin Center.	Active Directory and Office 365 Web Management
7.3.1	6956	An issue has been resolved in the Certification review notification when the email address that was set in From field was ignored.	Automation rules and reports

7.3.1	6976	An issue has been resolved in the Attribute Policy when Suspend on schedule mode could not be set by default on Suspend User and Suspend Group web action.	Product Configuration
7.3.1	6978	The license cache update status report now has the link to How to send user-friendly license display names to Cayosoft KB article.	Automation rules and reports
7.3.1	6987	Additional events are now reported to the event log when Dynamic Group and Restricted Group membership calculations are completed.	Product Upgrade
7.3.1	6995	AD Users Set Attribute Value rule is updated with an Initialization script section.	Automation rules and reports
7.3.1	7018	An issue has been resolved in the Office 365 License Web Action when Office 365 addon could not be revoked or assigned.	Office 365 Web Management
7.3.1	7037	An issue has been resolved in Properties Web Action for the hybrid users when the error may occur if <i>ms-DS-ConsistencyGUID</i> attribute contained non-GUID value.	Active Directory and Office 365 Web Management

Version	ID	Item	Prod
7.3.0	549	<p>New database membership rules have been added for Cayosoft Dynamic Groups:</p> <ol style="list-style-type: none"> 1. Oracle Database 2. SQL Server Database <p>These commands allow Active Directory and Office 365 group membership to be updated based on a query to Microsoft SQL or Oracle Database tables. This features requires Cayosoft Administrator Enterprise version.</p>	Automat and Rej
7.3.0	2516	<p>Web portal dialog box tabs can be completely hidden or renamed using Attribute Polices.</p> <p>To get the list of tabs for a chosen Web Action in an Attribute Policy check the Show Property ID and type <i>"tab"</i> in the search field. All tabs on the Web Action form are prefixed with <i>"tab": "tab{tab title}"</i>.</p>	Product Config
7.3.0	2727	A new Dynamic Group Administrators role is added to delegate Dynamic Group administration to administrators using the Cayosoft Administrator Automation console.	Product Config

7.3.0	2855	Office 365 license change notification and license cache update process have been improved:	Automated and Rejected
		<ol style="list-style-type: none"> 1. When running the Update License Cache command a service restart is no longer required, and user sessions are automatically recreated instead. 2. A license cache update status report with the list of all new, updated and removed licenses or applications has been added. 	
7.3.0	3447	Many Web Actions dialog boxes such as Properties pages, Membership pages, Add to groups pages can be now maximized.	Usability
7.3.0	3771	Enterprise Search has been added to the product to help administrators search across multiple separate Cayosoft Administrator installations each having a separate hybrid Active Directory / Office 365 environment configuration.	Product Configuration
		Enterprise Search allows delegated administrators to find and manage an object across all Active Directory forests.	
7.3.0	4017	New OneDrive Properties web action has been added for hybrid and cloud-only users to manage OneDrive user settings in Web Portal.	Office 365 Management
7.3.0	4298	Preview query results for an automation rules in the Cayosoft Admin Console now displays the real count of objects to be processed by the rule. The list of objects that are in the rule scope can be exported to CSV.	Automated and Rejected
7.3.0	4362	Search within the Attribute Policy list is improved in Admin Console. Policies can be found by:	Product Configuration
		<ol style="list-style-type: none"> 1. Name 2. Property ID 3. Rule or Value 4. Admin Unit 5. Web Query 6. Web Action, 7. Trustee 	
7.3.0	4374	Mail Properties Web Action is now available in My Organization > My Office 365 Groups Web Query .	Office 365 Management
		Users can use this action in Cayosoft Administrator Web Portal to view or modify the mail properties of the Office and distribution groups that they own.	
7.3.0	4650	New automation rule Skype On-Premises Users Move User to Cloud Voice is added to move a user account enabled for Skype for Business from an on-premises Skype for Business deployment to Office 365.	Automated and Rejected
		New automation rule AD Users Calling Plan assignment (DID Number Assignment) is added to assign a next free phone number and Calling Plan in Microsoft 365 cloud to each user in the specified Active Directory user scope.	

7.3.0	5610	<p>Cayosoft Administrator is now compatible with Azure AD Application Proxy.</p> <p>Azure Active Directory's Application Proxy provides secure remote access to on-premises web applications. After a single sign-on to Azure AD, users can access both cloud and on-premises applications through an external URL or an internal application portal.</p>	Product Config
7.3.0	5613	<p>New reporting rule AD Users License Optimization is added that returns a list of Office 365 licensed users and their recommended optimization scenario according to the selected optimization model.</p> <p>License Optimization shows your potential savings according to the actual usage of various Office 365 features.</p>	Automat and Rej
7.3.0	6145	<p>When configuring scope for delegation and policy rules, you can now select or un-select all filtered Admin Units, Web Queries, or Actions.</p>	Product Config
7.3.0	6161	<p>The performance was improved for the automation rule Text file DynamicAttributes Update AD Users Properties to process bigger CSV files.</p>	Automat and Rej
7.3.0	6228	<p>In addition to Enterprise Office 365 licenses, the License Optimization feature can now be used to model cost optimizations for Government licenses.</p> <p>Default License Optimization rule is renamed to Default License Optimization for Enterprise licenses.</p> <p>New Default License Optimization for GCC rule is added to the Analytics Collection runbook.</p> <p>Both of these rules have a new setting Enable this modeling rule that defines which of these rules is in License Optimization calculation.</p>	Automat and Rej
7.3.0	6233	<p>The error reporting improved for Enable Mailbox web action when a selected user account already has a mailbox.</p>	Usabili
7.3.0	6269	<p>When performing various hybrid actions in Web Portal for an AD user, a corresponding Cloud user can now be found even if UPN does not match between on-premise and cloud accounts.</p> <p>If you configure Azure AD Connect to use any attribute other than <i>UserPrincipalName</i> for the name of AzureAD user, you should complete additional configuration in Cayosoft Admin Console: navigate to Active Directory extension > Advanced Settings and set Map cloud users by UPN to No (try anchor attributes first).</p>	Product Config
7.3.0	6286	<p>An issue has been resolved in the Enable Mailbox Web Action when Run Mailbox post-creation tasks setting does not reference the global setting on the Active Directory extension.</p>	Product Config

7.3.0	6303	Import Oracle Data Create AD Users , Import SQL Data Create AD Users provisioning rules are updated to support writing generated users and passwords back to Oracle and SQL Server.	Automated and Rejected
		Hashmap of generated user passwords is saved in session global variables for use in AD Users Update Oracle Database , AD Users Update SQL Database rules within the same runbook.	
7.3.0	6312	Compare Membership Web Action is added for Office 365 users and guests to allow compare and copy membership of one Office 365 user or guest account with another.	Office 365 Management
7.3.0	6313	Friendly names for additional Office 365 license plans have been added to the product.	Office 365 Management
7.3.0	6336	An issue has been resolved when "Failed to communicate with Administration Service" error may occur if Automatic Sign-in For Azure AD setting was used and the application session was expired.	Office 365 Management
7.3.0	6337	An issue has been resolved when automation rules may fail to process an Active Directory object after this object was moved to another OU or renamed.	Automated and Rejected
7.3.0	6339	A new Filter setting is added to the Active Directory Dynamic Groups > Text File command to filter data in the data source file.	Automated and Rejected
7.3.0	6349	An issue has been resolved with product upgrade when some settings on New User Web Action were reverted to default values.	Product Configuration
7.3.0	6355, 6684	Export\Import Dynamic Groups Tool is updated to keep default settings and allow setting the Result Page Size setting value.	Automated and Rejected
		Also, new parameters are added:	
		- DynamicGroupContainer - exports Dynamic Group by its rule name.	
		- CsvSeparator - specifies the separator that is used in the CSV file.	
7.3.0	6411	Admin Console now displays the initiator and timestamp of the last update for any automation rule and web action settings.	Automated and Rejected
7.3.0	6420	The performance of AD Users Inactive Suspend Accounts rule is improved.	Automated and Rejected
7.3.0	6432	New Allow guest access in this Team setting is added to New Team and Team properties Web Actions.	Office 365 Management
7.3.0	6459	An issue has been resolved in Add members from file web action when several domains were specified in Additional scope in My AD Groups Web Query .	Active Directory Web Management
7.3.0	6487	An issue has been resolved in Rename User web action for a user with a remote mailbox when changing the email attribute to a new email address.	Office 365 Management

7.3.0	6501	Cayosoft Admin Console can be now installed separately from the Administrator Service. It allows connection to a remote Admin Service. When you click on the Start menu shortcut, the console is launched and asked the credentials for the connection.	Product Config
7.3.0	6503	Manged domains discovery improved for environments with DCs were Global Catalog and ADWS services are deployed separately to Domen Controllers.	Product Config
7.3.0	6520	An issue has been resolved in Active Directory user Properties form when daylight saving was incorrectly considered for the user Logon Hours display.	Office 365 Management
7.3.0	6554	An issue has been resolved in Active Directory Dynamic Groups in AD Users - Employees under manager membership rule when the user email address was missing in the command preview.	Automated and Reporting
7.3.0	6585	A column with password expired attribute can be added to AD Users Web Query in Web Portal.	Active Directory Web Management
7.3.0	6667	An issue has been resolved when Administration service may hang on loading Active Directory schema after the initial setup.	Product Config
7.3.0	6679	An issue has been resolved when it was impossible to edit the scope of trustee permissions in delegation rule if this delegation rule was created during copying Admin Unit and Create Delegation for Web Administrators was checked.	Product Config
7.3.0	6691	An issue has been resolved when Active Directory user account expiration date was set incorrectly if the expiration date was selected from the calendar on Modify User form in Web Portal.	Active Directory Web Management
7.3.0	6718	A workaround is now available for environments that experience the Get-FormatData error connecting to their Exchange Online service. To enable the workaround, in Admin Console navigate to Office 365 extension , open Advanced Settings section and in Apply fix for Get-FormatData error select the workaround that will be applied to resolve the issue.	Office 365 Management

Version	ID	Item	Product Area
7.2.1	6344	An issue has been resolved with Cayosoft Administrator failing to connect to Office 365 with the error "An item with the same key has already been added."	Product Config

Version	ID	Item	Area
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7.2.0	1374	<p>Attribute Policies the Possible values setting have been improved:</p> <ol style="list-style-type: none"> 1. Possible values can be applied to multiline controls like the Address/Street field on the User Properties form. 2. For multiline controls use "{c}" and "{n}" tokens to add a comma symbol or newline respectively. 3. Allow user input checkbox has been added to allow web portal users to either choose a value from possible values or set their own value. 	Product Configuration
7.2.0	2041	<p>Automatic Single Sign-on (SSO) for Azure Active Directory has been added to Cayosoft Web Portal.</p> <p>SSO for Azure AD allows already authenticated users to sign in to Cayosoft Web Portal using their Office 365 account, without providing their credentials to Cayosoft Administrator. All user interactions happen with the Microsoft Office Sign-in page and might include multi-factor authentication steps depending on the Azure AD configuration.</p>	Product Configuration
7.2.0	2733	<p>Change History database size can now be controlled new rules that have been added for the export Change History to an external archive. Reporting over Archive Change History and Change History Details from Archive rules were also added.</p> <ol style="list-style-type: none"> 1. Archive Change History rule automatically archives and then cleans up the Change History database. 2. Change History Details from Archive Rule will query an external Change History Archive Database and displays Change History details for any Active Directory or Office 365 operation that is stored in the archive and satisfies the specified search criteria. <p>If the Change History database size grows to over 2GB and if Archive Change History rule is not set up, administrators will see the alert message: <i>"Change history database size exceeds 2GB. Change history is not being archived."</i></p>	Automation Rules and Reports

7.2.0	2799	Home Phone property has been added on the Active Directory and Office 365 user properties forms.	Active Directory and Office 365 Web Management
7.2.0	3039	Generation value setting in an Attribute Policy can now be configured to remove special symbols (for example remove a dash) before taking first or last N characters from some object attribute.	Product Configuration
7.2.0	3069	Office 365 Guest account creation and management has been added to the Web Portal with the New Guest and Guest Properties web actions.	Office 365 Web Management
7.2.0	3044	New automation rules have been added for the bulk provisioning of Office 365 Guest user accounts: <ol style="list-style-type: none"> 1. Text file Create Office 365 Guest Users 2. Import SQL Data Create Office 365 Guest Users 3. Import Oracle Data Create Office 365 Guest Users 	Automation Rules and Reports
7.2.0	3405	Compare Membership Web Action for Active Directory was updated to allow adding and removing members on the comparison dialog box. To use this feature you must set the following two new Web Action configuration settings: <ol style="list-style-type: none"> 1. Allow editing membership 2. Allow membership changes for the groups 	Active Directory Management
7.2.0	3497	In Attribute Policies the comma symbol can be used with Possible values: you should use "{c}" token in possible value string that would add a comma symbol. For example, a possible value like "Company A, Inc" should look like "Company A {c} Inc."	Product Configuration

7.2.0	<u>3565</u>	<p>Shared Mailboxes can be set up so that members can see what other members have sent as or on behalf of this mailbox.</p> <p>New Shared Mailbox wizard (Cloud-only and remote) and Shared Mailbox properties Web Action was updated with the following new settings:</p> <ol style="list-style-type: none"> 1. Copy items sent as this mailbox 2. Copy items sent on behalf of this mailbox 	Active Directory and Office 365 Web Management
7.2.0	<u>5108</u>	<p>An issue was resolve with the upgrade of Cayosoft Web Portal. The Web Config Tool was updated to add HTTP headers considering environment settings.</p>	Product Configuration
7.2.0	<u>5392</u>	<p>New Web Actions were added to convert an Office 365 user account to a guest account and to convert a guest account to Office 365 user account:</p> <ol style="list-style-type: none"> 1. <u>Convert to Guest</u> 2. <u>Convert to Member</u> 	Office 365 Web Management
7.2.0	<u>5585</u>	<p>Microsoft Teams owner membership will now updated so that any added or removed team owner is also added or removed as a team member.</p> <p>New Maintain owners as members setting has been added to the following Team web actions:</p> <ol style="list-style-type: none"> 1. <u>New Team</u> 2. <u>Team Properties</u> 3. <u>Team Membership</u> 	Office 365 Web Management
7.2.0	<u>5606</u>	<p>Post-query Filter setting was added to Scheduled Suspend and Undo Suspend automation rules:</p> <ol style="list-style-type: none"> 1. <u>AD Users Process Scheduled Suspend</u> 2. AD Users Process Scheduled Undo Suspend 3. AD Groups Process Scheduled Suspend 4. AD Groups Process Scheduled Undo Suspend 5. AD Groups Report on Scheduled Suspend Operations 6. AD Users Report on Scheduled Suspend Operations 	Automation Rules and Reports

7.2.0	5654	An issue has been resolved with the Analytics collection Teams Usage rule where the Office 365 connection account wasn't removed from the team even when Maintain teams ownership setting was set to Remove .	Automation Rules and Reports
7.2.0	5673	New Text file Create Admin Units rule was added. Use this rule when you need to perform bulk creation of Active Directory Admin Units and corresponding delegation rules. The text file data source should be in a comma-separated variable format (CSV).	Automation Rules and Reports
7.2.0	5800	A new Office 365 Groups (Mail-Enabled) with Delegated Permissions reporting rule was added. Use this rule when you need to get the list of Office 365 mail-enabled groups that have any delegated permissions specified.	Automation Rules and Reports
7.2.0	5801	An issue with the Teams Certification Review rule has been resolved. The issue: a team may be deleted although the Remediation and Expiration setting was set to Report and Archive. Team removal by user setting has been added rule for better control. The settings controls weather the team can be deleted or archived by the reviewer.	Automation Rules and Reports
7.2.0	5811	The Analytics Collection Teams Usage rule was updated with new Last posting activity calculation setting. This setting allows the admin to specify if the top post is considered or all posts should be considered in the calculation of Teams usage statistics.	Automation Rules and Reports
7.2.0	5828	An issue has been resolved with Attribute Policies and unexpected behavior if Other Attributes 17 and 18 are missing in Active directory AD Users Properties.	Product Configuration
7.2.0	5833	Microsoft Teams Certification Review rule now allows you to include or exclude archived teams from subsequent certification process. The new Archived teams filter setting was added to the rule to control this behavior.	Automation Rules and Reports

7.2.0	5874	<p>Private team channels are now supported during analytics collection using the Analytics Collection Teams Usage rule.</p> <p>To access private channel usage information, the Office 365 connection account must be an owner of the target private channel. An account cannot be channel owner without also being a parent Team member or owner.</p> <p>The new Maintain private channel ownership setting was added to Analytics Collection Teams Usage rule to automatically add the connection account to the ownership and membership.</p>	Automation Rules and Reports
7.2.0	5890	<p>Friendly names for additional Office 365 license plans have been added to the product.</p>	Office 365 Web Management
7.2.0	5895	<p>An issue has been resolved with suspending Active Directory users with on-premises mailboxes. The suspension may produce an error in Result dialog when the setting <i>Suspend related Office 365 Account</i> was set to Yes.</p>	Automation Rules and Reports
7.2.0	5898	<p>An issue has been resolved with the Office 365 Mailboxes with Full Permission Granted rule. When the Maximum returned results value was taken from the Office 365 extension settings but not from the rule settings when specified.</p>	Automation Rules and Reports
7.2.0	5900, 5946	<p>New AccountEnabled and DisplayName columns were added to the Office 365 Mailboxes with Full Permission Granted reporting rule showing the state of the user(s) that has permissions on the Office 365 mailbox.</p>	Automation Rules and Reports
7.2.0	5902	<p>An issue has been resolved with the Analytics collection Microsoft Office 365 rule. The rule would fail if there are multiple mailboxes with identical DisplayName.</p>	Automation Rules and Reports
7.2.0	5907	<p>Custom generation tokens were added to the Attribute Policies.</p> <p>Custom generation tokens allow attributes values from the user who is executing an action (initiator) to be used in the Attribute Policies that are applied to the creation of Active Directory and Office 365 objects. Custom generation tokens should be set on the corresponding Web Action configuration form.</p>	Product Configuration

7.2.0	<u>5912, 5952</u>	An issue has been resolved with rules related to Exchange online. These rules could fail after the Exchange online session recreation.	Automation Rules and Reports
7.2.0	<u>5922</u>	<p>An issue has been resolved with Dynamic Groups when renaming a Dynamic Group caused it to fail.</p> <p>Clear DN Cache command was added in the <u>Active Directory extension</u> to clear the Distinguished Name cache. This cache is used to improve the performance of DN lookups.</p>	Automation Rules and Reports
7.2.0	<u>5937</u>	<p>A selection (picker) dialog was added to several provisioning rules for point-and-click mapping between data source columns and target user properties.</p> <p>This dialog was added to Other properties section in the following rules:</p> <ol style="list-style-type: none"> 1. <u>Text file Create AD Users</u> 2. <u>Text file Update AD Users</u> 3. <u>Import SQL Data Create AD Users</u> 4. <u>Import SQL Data Update AD Users</u> 5. <u>Import Oracle Data Create AD Users</u> 6. <u>Import Oracle Data Update AD Users</u> 	Automation Rules and Reports
7.2.0	<u>5940</u>	<p><u>Microsoft Teams Certification Review</u> rule allows for the specification of the action that will be performed when a team owner selects to remove a team during the certification: delete or archive.</p> <p>New Team removal by user setting is added to the rule.</p>	Automation Rules and Reports
7.2.0	<u>5980</u>	An issue has been resolved in the Initial Configuration Wizard when %ProgramData%\CayoSoftware\AdminAssistant\Logs directory didn't exist.	Product Configuration
7.2.0	<u>6028</u>	An issue has been resolved with sign-in to Web Portal when a user is flagged with "User must change passwords on the next login" and the Web Portal setting for Default domain name for Active Directory accounts has been specified.	Product Configuration

7.2.0	6029	An issue has been resolved in Office 365 License Quotas. In the Administration Console the bottom scroll bar was not visible when the right scroll bar was displayed.	Automation Rules and Reports
7.2.0	6031	An issue has been resolved in exporting Office 365 License Quotas when a new license was added to a managed Office 365 tenant.	Product Configuration
7.2.0	6038	Secondary owners for all Active Directory groups can be viewed or edited even when the group is not an Exchange Distribution Lists. A new setting Show secondary owners was added to Active Directory group properties that allows specifying if secondary owners should be displayed for all groups or only for Exchange Distribution Lists.	Active Directory Web Management
7.2.0	6063, 6264	The scope of Active Users , Guest users , and Teams Web Queries can now be limited to an Azure AD Built-in Administrative Unit. New Limit scope to this Azure AD Administrative Unit setting has been added to the same Web Queries.	Office 365 Web Management
7.2.0	6119	An issue has been resolved with the My Office 365 DLs Web Query when one of the groups in the query scope had empty <i>ExternalDirectoryObjectId</i> attribute.	Office 365 Web Management
7.2.0	6123	The New User Add user to AD group(s) rule has been improved and renamed to AD Users DynamicAttributes Add to AD Groups automation rule. Use this rule when you need to modify Active Directory users' membership in multiple Active Directory groups. You can specify CSV file with User Anchor attribute and Group DistinguishedNames instead of specifying group DistinguishedNames in the rule settings manually.	Automation Rules and Reports
7.2.0	6201	An issue has been resolved in Microsoft Exchange extension when WSMAN service reports an error if Connect URI setting contained a space in its value.	Product Configuration
7.2.0	6238	An issue has been resolved with the Text File Update AD Users rule that would fails if there were duplicates in anchor attribute values.	Automation Rules and Reports

7.2.0	6265	An Office 365 Licensing Healthcheck runbook was added. This runbook consists of individual reports that each details the status of Office 365 Licenses in your tenant. Review output reports for potential issues and cost optimizations.	Automation Rules and Reports
7.2.0	6301	Active Directory Dynamic Groups now allow you to specify the number of objects to include in one page for an AD DS query. A new Result page size setting was added in membership rule settings in Dynamic Group.	Automation Rules and Reports
7.2.0	6187	NOTE: Support for Internet Explorer 10 or 11 is deprecated. Microsoft has begun the rollout of the new Microsoft Edge browser for Windows users as a replacement for Internet Explorer, support for IE 10 and 11 is now deprecated for Cayosoft Web Portal. Users who connect to the Web Portal with IE 10 or 11 now see a confirmation message to continue using Web Portal with an unsupported browser. For optimal user experience, best performance, and fully supported solution, please use one of the modern browsers, such as Microsoft Edge, Google Chrome, or Firefox. See Supported web browsers article for details or download Microsoft Edge .	Product Configuration
7.2.0	6309	An issue has been resolved with the AD Users Set Attribute Value rule where the defined rule scope was ignored if it was run as a post-rule in New User Web Action.	Automation Rules and Reports

Version	ID	Item	
7.1.0	572	The Active Directory New Distribution Group and Group Mail Properties web actions now work to create and modify hybrid Distribution Groups without requiring an active Exchange server by setting the necessary attributes directly.	Active and Office 365 Web Management
7.1.0	2862	New AD Users Hybrid Inactive reporting rule was added and Office 365 Users Inactive Rule was updated. This rule returns hybrid users that meet both Active Directory and Office 365 inactivity criteria. The Office 365 Users Inactive rule was reworked to look at inactivity criteria across multiple cloud services. The existing rule was renamed to Office 365 Users Inactive Mailbox.	Automation Rules and Reports

7.1.0	3454	Multiple users can now be selected before using the Reset Password web action so that multiple Active Directory and/ Office 365 user's password can be set simultaneously.	Office Manag
7.1.0	3575	Three rules were updated making it possible to get a report to show all groups with less than x members with the following reporting rules: <ul style="list-style-type: none"> 1. AD Groups with Membership Empty or Below Threshold 2. Exchange Distribution Groups with Membership Empty or Below Threshold 3. Office 365 Groups (Distribution) with Membership Empty or Below Threshold 	Auton and Re
7.1.0	4148	The Office 365 Tenant License Change Notification was updated. Now the message provides instructions and the link to KB on how to resolve this issue. This message is displayed in the Cayosoft Administrator Console and Logs.	Produ Config
7.1.0	4502	When a user attempts to sign-in to the Administrator Web Portal and the User must change password at next login flag is set to Yes, the user will be prompted with password change before signing into Web Portal. This setting can be control using the Web Portal settings .	Produ Config
7.1.0	4617	Multiple rules were updated to reflect changes made by Microsoft. Focused Inbox instead of Clutter setting was added for remote and Office 365 mailboxes for both Mailbox web actions and in these rules: <ul style="list-style-type: none"> 1. AD Users Set Office 365 Mailbox Settings 2. New User Office 365 Mailbox post creation tasks 3. Office 365 Users Mailbox post creation tasks See details in Microsoft has removed Clutter on the 31 January 2020 and proposes Focused Inbox instead article.	Auton and Re Office Manag
7.1.0	4760	An issue has been resolved when new change records were not added to the Operational Auditing in case of using Add to Groups web action to add an object from the current domain to a group in a different domain.	Active Web Manag
7.1.0	4824	An issue has been resolved when Convert to shared mailbox web action was available for mailboxes that have been already converted to remote shared mailboxes.	Office Manag
7.1.0	4884	A new option was added to use a full domain name for the Remote Routing Address setting in New User Create Remote Mailbox rule and for targetAddress prefix setting in Rename User web action .	Auton and Re Office Manag
7.1.0	4892	New Teams Policies web action was added allowing delegated administrators to view and modify Microsoft Teams policy assignments for hybrid and Office 365 users in Cayosoft Administrator Web Portal.	Office Manag

7.1.0	4894	An issue has been resolved when the Archive Execution History rule consuming excessive memory during execution.	Autom and Re
7.1.0	4942	Web action execution was improved so that long-running hybrid operations, like New User with remote mailbox creation, no longer delay completion of the faster non-hybrid operations, like Reset Password.	Perfor
7.1.0	5013	Object search performance is improved for Active Directory web queries where the scope is an Organizational Units with 500K+ objects. To enable this optimization, a new Disabled partial name search setting was added to Active Directory extension and to all Active Directory web queries and Object Picker web queries.	Produ Config
7.1.0	5018	Now Cayosoft Administrator supports Office 365 tenants with new "Security Defaults" enabled. Please note that additional configuration steps are required for Cayosoft Administrator to work correctly in such environments.	Office Manag
7.1.0	5029	For details see this KB: https://cayosoft.zendesk.com/hc/en-us/articles/360040408252 New \$TargetGroupId token was added for Dynamic Groups, that can be used in the email subject and body templates. \$TargetGroupId is set to target Active Directory group ObjectGuid or Office 365 group ObjectId.	Autom and Re
7.1.0	5031	A new option with for short domain name was added for targetAddress prefix setting of the Rename User web action .	Office Manag
7.1.0	5033	The Send As permission was added to Office 365 Mailboxes Grant User Permissions rule.	Autom and Re
7.1.0	5049	A new Session Management node was added to the Administrator Console. This node has configuration settings that define the maximum number of PowerShell sessions to run simultaneously for interactive operations in Admin Console and Web Portal. These settings should not be changed without the explicit direction of Cayosoft Support.	Produ Config
7.1.0	5054	Now a hybrid shared mailbox can be created for Active Directory users without a Microsoft Exchange Server being available on-premise.	Office Manag
7.1.0	5056, 5075	An issue has been resolved when after an upgrade the data source field becomes empty for in the rules Text file Dynamic Attribute Update Office 365 Users Properties and Text file Dynamic Attributes Update AD Users Properties .	Autom and Re
7.1.0	5068	A new Alternate email setting was added to Contact Info section in Text file Create Office 365 Users and Text file Update Office 365 Users rules.	Autom and Re

Now alternate email addresses can be used for O365 users' self-service password reset.

7.1.0	5088	Cayosoft Suspend now supports in-place upgrade.	Suspen
7.1.0	5109	An issue has been resolved with using the Text file membership rule in Dynamic groups . The rule would fail if the text file has more than 50 000 users.	Auton and Re
7.1.0	5129	An issue has been resolved when some Dynamic Groups failed to execute on schedule after upgrade from older versions.	Auton and Re
7.1.0	5130	An issue has been resolved when Active Directory default credentials may not be validated properly if they were set using the <i>UserPrincipalName</i> format.	Produ Config
7.1.0	5137	An issue has been resolved when the message set in the Dynamic Group's output section is displayed two times on the email report.	Auton and Re
7.1.0	5141	Performance and scalability of Administration Service have been improved for environments with 100+ Admin Units, delegation rules, and attribute policies.	Produ Config
7.1.0	5154	An issue has been resolved when Active Directory group membership was not displayed if a group web query had a set of specific settings configured.	Active Web Manag
7.1.0	5246	Additional events are now reported to the event log when a Database upgrade starts and finishes.	Produ
7.1.0	5247	An issue has been resolved with Admin Service become unresponsive after an upgrade, when the Admin Service is a subscriber in a replication group and the publisher was not upgraded first.	Produ
7.1.0	5291	The Changes by this user web action report will display only the first 1000 records when the volume of change history is exceptionally large. To see all the records it is recommended to use the Operational Auditing dashboard.	Active Web Manag
7.1.0	5299	The error message shown when the Admin Service fails to connect to a required server or service has been improved.	UX Impro
7.1.0	5307	An issue has been resolved when the Admin Service checks Global Catalog Availability for trusted domains even if these domains are set to be excluded. Excluded domains will no longer be checked.	Produ Config
7.1.0	5372	A new command called Share Statistics has been added to the Actions in the Rules Node in Administrator Console. Clicking this button, sends anonymous rule executing statistic to Cayosoft.	Auton and Re
7.1.0	5421	Quick filters have been added in OU object selection dialog boxes in Web Portal. Now when a list of OU names is displayed in the Select Organizational Unit dialog box, you can specify the OU name under the Parent OU column to find the required OU..	Active Web Manag

7.1.0	<u>5434</u>	Support for Microsoft Exchange Online Modern Authentication has been added. The setting Support modern authentication in the <u>Advanced Settings</u> section in Office 365 extension enables this new feature.	Product Config
7.1.0	<u>5461</u>	<p>An issue has been resolved in the AD Users Set User Profile & Home Folder rule when permission inheritance on the home folder is disabled by default.</p> <p>The new Disable permission inheritance setting is added to Create AD User Home Folder command in these rules and web actions:</p> <ol style="list-style-type: none"> 1. AD Users Set User Profile & Home Folder 2. AD Users Set User Home Folder by OU 3. AD Users Set User Profile by OU 4. Clone User 5. User Properties 6. User Template Properties 	Autom and Re Active Web Manag
7.1.0	<u>5488</u>	Friendly names for additional Office 365 plans have been added to the product. Friendly names are stored in the <i>O365LicenseCache.xml</i> file.	Office Manag
7.1.0	<u>5526</u>	An issue has been resolved with the Office 365 Dynamic Group output report when member type is shown as unknown.	Autom and Re
7.1.0	<u>5531</u>	A new command called Copy Into has been added to Office 365 web queries. This command copies the selected web queries to selected Admin Units.	Office Manag
7.1.0	<u>5532</u>	An issue has been resolved when running the Analytics Collection Runbook . In some cases the runbook would report an error "Your tenant is Disabled for this service".	Autom and Re
7.1.0	<u>5544</u>	<p>An issue was resolved that prevented the proper replication of the Password to encrypt data Setting used with the Password Self-Service Enrollment when run on a subscriber. As a result of this issue, users enrolled on the publisher service were not able to reset their password or unlock their account on the subscriber.</p> <p>Note: If you are using Self-Service Enrollment and have replication configured... after the upgrade to 7.1.0, an additional rule must be run to apply a fix to user accounts who already enrolled with incorrectly replicated Password to encrypt data Setting. The rule name is <u>AD Users Fix Replication Issue for Self-Service Enrollment (See KB20190517-1 for more information)</u>.</p>	Self-S Manag
7.1.0	<u>5574</u>	<p>Initialization Script Section was added to the <u>AD Users Set Office 365 Mailbox Settings</u> rule.</p> <p>It is now possible to run the AD Users Set Office 365 Mailbox Setting rule only for recently created users.</p>	Autom and Re

7.1.0	5576	The Text file Populate AD Users Self-Service Q&A Profile rule can now be run for Users that have not enroll in Self-Service. This is achieved by setting the Filter AD data to the new setting titled Users that did not enroll into Self-Service..	Autom and Re Self-S Manag
7.1.0	5629	The Analytics collection Microsoft Office 365 rule now has an option to optionally collect archive mailbox size. Archive mailbox sizes are used for Office 365 License Optimization . A large number of archive mailboxes may negatively impact performance of the Analytics collection runbook under certain conditions.	Autom and Re

VER	ID	ITEM	ARE
7.0.0	1415	Now a secondary Domain Controller can be specified per managed domain. If the Administration Service identifies issues with the connection to the primary DC, it would automatically fail-over to the alternative DC.	Product Configurat

Also, the management of Active Directory [Managed Domains](#) on the Active Directory settings page has been improved:

1. The single view displays all domains from the forest where Cayosoft Administrator service is installed, plus all trusted domains.
2. Domains are grouped by forests, providing per-domain and per-forest configuration.

7.0.0	2700	You can now enforce password history for Change my password web action in Self Service and for I forgot my password task on the login page. For this, a new setting called Enforce password history is added to the Self-Service - Password Self-Service Enrollment Details web action.	Active Dir Web Manageme
7.0.0	3553	Now when copying a dynamic group two additional settings are copied to the new Dynamic Group: Add change details to Change History and Execution History and Label.	Automatio Rules and Reports
7.0.0	3811	An issue has been resolved with the MFA Settings web action when the user status being displayed incorrectly if this user was excluded from Baseline policy after MFA was enabled for him. New Detect if MFA is enabled via policy setting is added to MFA Settings web actions that allows disabling algorithm that detects if MFA enabled through the baseline policy.	Office 365 Manageme
7.0.0	3856	An issue has been resolved where some Office 365 DNS domains were not available in the list of possible UPN and group name suffixes in Office 365 web actions.	Office 365 Manageme
7.0.0	3980	New web actions have been added to create and modify Office 365 shared mailboxes: the New Office 365 Shared Mailbox web action and Properties web action .	Office 365 Manageme

7.0.0	4051	A new tool is added to perform export and import Dynamic Groups. You can create Dynamic Group rules in bulk or update membership rules for existing Dynamic Groups.	Automatio Rules and Reports
7.0.0	4130	New automation rules to assign Microsoft Teams policies have been added: <ul style="list-style-type: none"> • AD Users Assign Teams Policy • Office 365 Users Assign Teams Policy <p>These rules query the specified users' scope and for each returned user assign specified Microsoft Teams policies.</p>	Automatio Rules and Reports
7.0.0	4273	An issue has been resolved when duplicate SelfService tags may appear in <i>accountNameHistory</i> user attribute that led to Self-Service notification rules failure.	Automatio Rules and Reports
7.0.0	4308	A new password policy setting has been added: Exclude similar characters in generated passwords setting . This setting allows the exclusion of confusing characters such as i, l, l, o, O, 1 and 0 from user-generated passwords.	Active Dir and Office Web Manageme
7.0.0	4604	An issue has been resolved when an email was not sent after running Dynamic Group if the output type section was set to Sent HTML Report and group membership had not changed.	Automatio Rules and Reports
7.0.0	4626	The start time of the Cayosoft Administration Service was improved with additional information caching between sessions.	Product Configurat
7.0.0	4697	An issue has been resolved when users were not able to select text from the Web Portal object grids.	Active Dir and Office Web Manageme
7.0.0	4825	An issue has been resolved when the Default password option was ignored in the AD Users Create Office 365 Accounts (Cloud) rule.	Automatio Rules and Reports
7.0.0	4835	Now if a new Team creation failed then an Office Group, which was created as part of the new Team unsuccessful creation, would be deleted.	Office 365 Manageme
7.0.0	4890	Now virtual attributes can be used in New User with Linked Mailbox and New Linked Mailbox web actions.	Office 365 Manageme
7.0.0	4907	The new type of membership rule is added to the Active Directory Dynamic Groups: Text File . Now you can use a CSV file to import members to Dynamic Group.	Automatio Rules and Reports
7.0.0	4914	An issue has been resolved when records in Execution history in Administrator Console were sorted incorrectly.	Automatio Rules and Reports
7.0.0	4917	An issue has been resolved where it was impossible to customize message text in output email if the email output type was set to Sent E-mail Report .	Automatio Rules and Reports

7.0.0	4930	The country name was changed from Taiwan, Province of China to Taiwan both in Administrator Console and Web Portal.	Active Dir and Office Web Manageme
7.0.0	4931	Now if Microsoft Hybrid extension is set to On during initial configuration, then in Active Directory extension > Cayosoft Suspend Policies section the Run related Office 365 user suspend and undo suspend setting is set to Yes automatically.	Product Configurat
7.0.0	4964	Now Active Directory and Office 365 domain suffixes in Web Portal forms are now sorted alphabetically.	Active Dir and Office Web Manageme
7.0.0	4977	An issue has been resolved when the output section in Dynamic Groups was not copied when copying a Dynamic Group.	Automatio: Rules and Reports
7.0.0	4978	In Administration Console > Microsoft Office 365 extension , the Update license command was renamed to Update License Cache .	Product Configurat
7.0.0	5006	Query criteria section was added to these rules: <ul style="list-style-type: none"> • AD Users with Suggested Update to UserPrincipalName (UPN) Suffix • AD Users Find & Replace UserPrincipalName (UPN) Suffix <p>It is now possible to granularity limit the scope of these rules.</p>	Automatio: Rules and Reports
7.0.0	5019	Cayosoft Web Portal supports Chrome 80.	Active Dir and Office Web Manageme

Looking for [What's New in Cayosoft Administrator v6?](#)