

What's New in Cayosoft Administrator V5

[NEW VERSION: What's New in v6](#)

Content:

New Features in 5.4

Web Portal SSO

Automatic user sign-in was added to the Web Portal for Active Directory user accounts. This provides a seamless Single-Sign-On (SSO) experience for administrators and self-service users who sign-on from a domain-joined machine.

Free Active Directory Management Tools

After completion of the free 25-day Full Trial, Cayosoft Administrator 5.4.2 switches to Community Freeware mode. In Community Freeware Mode you can delegate and manage Active Directory using the Web Portal and get reports about your Active Directory, Office 365 and Exchange environment. No license is required for the Community Freeware Mode.

Hybrid & Cloud Group Certification

Cayosoft Administrator 5.4.0 now provides Group Certification (attestation and re-certification) to allow group owners to confirm both the accuracy and the continued existence of their on-premises and/or online groups.

Self-Service for Office 365 Unified Groups

Group owners of Office 365 Unified Groups are now able to manage these groups along-side on-premises groups.

2019 Server Support

Cayosoft Administrator now supports both Windows Server 2019 and Microsoft Exchange Server 2019.

Hybrid Exchange Resource Forest Support

Cayosoft Administrator now supports the Multi-forest Single Microsoft Exchange Organization model often referred to as a [Microsoft Exchange Resource Forest](#). Cayosoft Administrator, when

deployed in the same forest as the Microsoft Exchange Organization supports for critical scenarios:

- Linking a mailbox to an existing user that resides in a separate trusted authentication forest domain and then managing that user’s mailbox.
- Linking a remote mailboxes + an Office 365 mailbox (Hybrid Exchange) to an existing user that resides in a separate trusted authentication forest domain and then managing that user’s mailbox and Office 365 license.
- Creating a new account in a separate trusted authentication forest domain, then linking a mailbox to that user and then provide on-going management of the mailbox that user’s mailbox.
- Creating a new account in a separate trusted authentication forest domain, then linking a remote mailbox + Office 365 Mailbox (Hybrid Exchange) to that user and then provide on-going management of that user’s mailbox.
- Managing the User’s Office 365 License through manual or automated license assignment rules

Improved Hybrid Office 365 License Quotas

Cayosoft Administrator now provides tighter control over sub-dividing tenant licenses across departments, agencies, offices or other logical or geographical groupings with improved License Quota configuration and Reporting. New customers will find that they now can easily define and maintain delegation and license quotas in their Hybrid Office 365 Environment. Customers with existing delegation easily add license quota limits to their Administrative Units to follow the existing delegation model – or – new Administrative Units can be created that will be used only for license management.

Admin Unit	Users Count	Office 365 Enterprise E5 Quota Limit	Office 365 Enterprise E5 Overage	Office 365 Enterprise E5 Behavior	Office 365 (Plan E3) Quota Limit	Office 365 (Plan E3) Overage	Office 365 (Plan E3) Behavior	Business Apps (free) Quota Limit	Business Apps (free) Overage	Business Apps (free) Behavior
CHS	395	-----	-----	Report assigned license only	5	0	Report and enforce quota	-----	-----	Report assigned license only
DQA	201	3	0	Report and enforce quota	2	-1	Report and enforce quota	-----	-----	Report assigned license only
ANC	198	10	0	Report and enforce quota	2	-1	Report and enforce quota	0	0	Report and enforce quota
DQE	195	-----	-----	Report assigned license only	-----	-----	Report assigned license only	-----	-----	Report assigned license only
DQB	195	-----	-----	Report assigned license only	-----	-----	Report assigned license only	-----	-----	Report assigned license only

Better Office 365 License Quota Reporting & Charge-back Billing

With improved configuration and management of Office 365 License Quotas also come improved Quota Reporting for Licensing Administrators and Quota License Charge-back Reporting for management. Now if a license assignment is approaching a quota limit, automatic

alerting will send the license admins a notification, so they recover existing licenses or obtain additional licenses before hitting the quota limit.

Cayosoft Web Portal DynamicAttributes

Using the Cayosoft Administrator Dynamic Attribute capabilities, customers are now able to dynamically define default values based on the organizational unit selected when a new user is created in the Cayosoft Web Portal.

Self-Service Password Management

In addition to great self-service group management, Cayosoft Administrator now provides a terrific update that greatly improves end-user password self-service. New features include simplified enrollment management, improved options for defining Question & Answer Profiles, an end-user question that can be used by help desk to verify a caller's identity and improved wording and guidance for users throughout the enrollment, password recovery or change processes.

Independent Office 365 Administration

Cayosoft Administrator is now available at every point of the IT Cloud Journey. Office 365 & Azure AD direct management may now be performed by delegated admins from within the Cayosoft Web Portal even if On-premises platform extensions are not configured. Further, the web portal may be configured to authenticate delegated users against Azure Active Directory.

Multi-Factor Authentication (MFA) Management

Multi-factor authentication (MFA) is a system that requires more than one method of authentication to verify the user's identity for a login or other transaction. Cayosoft Administrator now allows delegated administrators to enable/disable Office 365 MFA or a using a rule in the Automation & Configuration Console.

Skype Online Policy Enforcement

Setting Skype Online Policies consistently for new and existing users can be a challenge. This release adds both automation rules to configure Audio and Video, External Access and Audio Conference Settings during user provisioning & updates. Additionally, The Web Portal has also been extended with a new Skype Properties command allowing delegated day-to-day administrators to make such adjustments manually.

LAPS Password Retrieval

The “Local Administrator **Password** Solution” (LAPS) provides management of local account **passwords** of domain-joined computers. Cayosoft Administrator now allows **LAPS Passwords** stored in Active Directory (AD) to be retrieved by delegated administrators.

Updated Download Package

When running the latest Cayosoft Unified Installer package, three new options appear based on the desired deployment mode. On-premises, Hybrid or Cloud. Each option walks through the particulars for that specific deployment choice.

List of Updated Items by ID

Version	ID	Item	Product Area
5.4.2	2442	Automatic user sign-in (SSO) added to Web Portal for Active Directory user accounts. Automatic user sign-in provides a seamless Single-Sign-On (SSO) experience for delegated administrators and employees when signing in from a domain-joined machine.	Web Portal Authentication
5.4.2	3370	Community Freeware license subscription added. After 25-day Trial mode, Cayosoft Administrator switches to Community Freeware mode. In Community Freeware mode you can delegate and manage Active Directory accounts in Web Portal and build reports about your Active Directory, Office 365 and Exchange environment.	Product Licensing
5.4.2	3385	Microsoft Teams reporting rules introduced: Office 365 Teams and Office 365 Team Members . The Office 365 Teams and Office 365 Team Members new reporting rules gives you a list of all the Teams created, with its settings, ownership and membership. You can use these reports to build an inventory of your Teams environment, and analyze it for possible optimization and restructuring.	Microsoft Teams Reporting
5.4.2	3394	Mailboxes size reporting rules improved with better handling of mailboxes approaching its quota limits. The following rules can successfully run even though the size of mailboxes approaches to quota limit: Office 365 Mailboxes Size Approaching Quota, Exchange Mailboxes with Large Items and Exchange Mailboxes Size Approaching Quota.	Office 365 and Exchange Reporting

5.4.2	3417	AD Users Send Password Expiration Notification rule has Properties to display setting. Any user properties can be used in emails sent by AD Users Send Password Expiration Notification rule.	Active Directory Automation
5.4.2	3429	Improved Add to Groups web action to search for and add to multiple groups at once.	Active Directory Web Management
5.4.2	3430	Object SID and Object GUID fields added to the Info tab on User Properties form.	Active Directory Web Management
5.4.2	3431	Computer objects can now be added to groups.	Active Directory Web Management
5.4.2	3435	A new setting introduced on Add to Groups web form to perform an additional security check when removing the user from specific groups. This setting defines whether to allow removal from any group listed or only from the groups located in the Admin Unit scope and Additional scopes.	Active Directory Web Management
5.4.2	3439	Computer accounts can be enabled or disabled with new web actions Enable\Disable in AD Computers web query.	Active Directory Web Management
5.4.2	3446	Local Account Password form provides a button to copy a password to clipboard.	Active Directory Web Management
5.4.2	3453	Improved user experience for Reset Password web form: the Show Password option label text updated to clarify the location where the generated password can be seen.	Active Directory Web Management
5.4.2	3458	Web Registration Tool now enforces IIS application upgrade and prevents installation completion with the outdated or incompatible web application.	Web Registration Tool

Version	ID	Item	Type
5.4.1	2302	Improved User Experience: Initial Configuration was simplified to focus on the minimum required set of settings for product configuration.	Enhancement
5.4.1	2823	User Logon tab added: now Active Directory User Properties form has Logon tab with Logon Workstations and Logon Hours sections.	Enhancement

5.4.1	3185	Improved User Experience: new tiles added to the Self-Service section of the Web Portal Home page: My AD users, My AD Groups, My Office 365 Groups, Pending Tasks.	Enhancement
5.4.1	3362	Improved User Experience: now link text can be customized for the links 'I forgot my password' and 'My account is locked' on Web Portal login page.	Enhancement
5.4.1	3363	Improved security: a new setting introduced to perform an additional check on Member Of tab on Active Directory User Properties form when removing the user from a specific group: whether to allow removal from any group listed or only from the groups located in the Admin Unit scope and Additional scopes.	Enhancement
5.4.1	3379	Issue Resolved: Performance can severely degrade and Cayosoft Admin Service can become unresponsive when running a significant amount of Dynamic Groups updates.	Issue

Version	ID	Item	Type
5.4.0	665	Improved stability: Check Settings command for the Active Directory configuration improved to identify and report additional issues with connection to Active Directory. Also, DC selection look-and-feel improved for better visibility and control in multi-DC and multi-domain environments.	Enhancement
5.4.0	1054	Group Certification added: Active Directory groups, Office 365 groups and their memberships can be configured for periodic attestation and review by group owners.	Enhancement
5.4.0	2557	New My Office 365 Groups web-query added to the My Organization section: group owners of Office 365 Unified groups and Azure AD security groups can manage the groups they own.	Enhancement
5.4.0	2623	Improved User Experience: every rule, that accepts CSV file as input, is now supplied with the pre-built CSV file template, which is selected by default when you create a new rule.	Enhancement
5.4.0	2713	Improved Rename action: Rename action supports naming attribute generation policies, as well as a generation of Exchange on-premise email addresses and targetAddress attribute.	Enhancement
5.4.0	2771	Issue Resolved: error about missing Sharepoint components removed from the Action Required section in the Cayosoft Administrator Console.	Issue
5.4.0	2839	Improved screen reader support: now the Narrator and other screen reader software can better read the text on Web UI pages and describes events more clearly.	Enhancement

5.4.0	2846	Extended Change History recording for some web actions: Self-Service Enrollment Details, Change a Password, Reset Password, Unlock Account action, plus Mailbox (AD user), and Mail Properties (AD group) actions.	Enhancement
5.4.0	2890	Updated Rules: AD Users Validate License, AD Groups Enforce License and AD Groups Validate License rules are optimized and updated.	Enhancement
5.4.0	2938, 3128, 3194	Issue Resolved: now it is possible to login to Cayosoft Administrator Web UI even though user logon name or password has certain special symbols.	Issue
5.4.0	2977	Updated Rules: more automation rules now support linking to web actions as rules to run after the web action.	Enhancement
5.4.0	3087	Issue Resolved: now all action items are accessible in the Actions menu in Web UI. If actions' list is too long, a scrollbar appears.	Issue
5.4.0	3103	Issue Resolved: now Attribute Policy can generate Alias attribute on the Mail-enable user form.	Issue
5.4.0	3106	Updated Rule: in AD User Office 365 Mailbox Settings rule the Set msExchMailboxGUID for remote mailbox setting set to Yes by default, to prevent errors moving the mailbox that was created in Exchange Online to the Exchange on-premises.	Enhancement
5.4.0	3119	Improved Attribute Policy: now default values in Attribute Policy apply to Delete user and Disable\Enable user Web UI forms.	Enhancement
5.4.0	3129, 3333	Updated Office 365 license plans: friendly names for additional Office 365 plans added to the <i>O365LicenseCache.xml</i> file.	Enhancement
5.4.0	3130	Improved Attribute Policy: now in Attribute Policy Generation Builder a space symbol can be substituted with underscore symbol.	Enhancement
5.4.0	3132	Improved suspend: now in Suspend Office 365 User rule, the default is set to convert user mailbox to a shared mailbox.	Issue
5.4.0	3137	Improved rules: now if a rule is deleted, it is also deleted from the Rules to run after this rule section.	Enhancement
5.4.0	3142	Improved User Experience: when saving configuration changes for managed systems, a new information message appears informing administrator about the impact of the session rebuild process.	Enhancement
5.4.0	3144	Updated actions: the number of other attributes available for web form customization increased to 20.	Enhancement
5.4.0	3161	Improved User Experience: a confusing search field was hidden from the Dashboard > Operational Auditing.	Enhancement
5.4.0	3174	Issue resolved: now My AD Groups supports indirect group ownership through another group, specified in the co-owners attribute of the managed group.	Issue

5.4.0	3177	Web actions extended: all web actions can be configured to display input fields for operation Ticket # and Comment.	Enhancement
5.4.0	3195	Issue Resolved: now it is possible to perform Reset Password action if Email fields on Reset Password form are hidden by attribute policy.	Issue
5.4.0	3196	New rule added: AD Users Create User Copy in Another Domain rule queries Active Directory within the defined scope and for every user found in the source domain, creates a user copy in another domain.	Enhancement
5.4.0	3204	Improved User Experience: when adding members to a group, if you specify such a search string that no objects could be found, a warning message appears on the screen.	Enhancement
5.4.0	3216	Improved Mailbox properties command: now Mailbox properties Web UI form can be extended with up to 20 Other Attributes.	Enhancement
5.4.0	3217	New rule added: AD Users Set Exchange Mailbox Settings rule queries Active Directory within the defined scope and for each found user mailbox applies Exchange mailbox settings defined in the rule.	Enhancement
5.4.0	3219	Issue Resolved: if policy validation fails on a quick action, policy check error is displayed on UI.	Issue
5.4.0	3225	Issue Resolved: when Attribute Policy sets the Mailbox type field to read-only on New User action in Web UI, Enable User action does not report an error.	Issue
5.4.0	3226	Improved MS Online connection stability: if the connection to MSOnline is failing, there are five attempts of reconnection with 30 seconds delay.	Enhancement
5.4.0	3231	Issue Resolved: now if the AD Users Send Password Expiration Notification rule is started, and a user account that should receive a notification was moved or renamed, the rule doesn't stop with an error.	Issue
5.4.0	3239	Action added: New Office 365 group web action added to My Office 365 Groups web query.	Enhancement
5.4.0	3259	Improved rules: now the following rules can successfully retrieve a large volume of mailbox data: Office 365 Mailboxes with Send As Permission Granted, Office 365 Mailboxes with Full Permission Granted, Office 365 Shared Mailboxes with Full Permission Granted, Office 365 Shared Mailboxes with Send-As Permission Granted rules retrieve a large volume of data in one session.	Issue
5.4.0	3265	Improved Attribute Policy: For logon name generation policy, it is now possible to search for conflicts using the logon name prefix part of the attribute value.	Enhancement
5.4.0	3275	Extended Change History recording: more actions recorded in Change History, including MFA Settings, and Prevent\Allow sign-in (O365).	Enhancement

5.4.0	3276	Improved User Experience: Office 365 license selection was improved in rules that enforce and validate Office 365 license assignments.	Enhancement
5.4.0	3280	Issue Resolved: the performance of Mail properties action is improved when enumerating permissions from Active Directory.	Issue
5.4.0	3287	Updated Rule: AD Users Enable Skype On-premises rule automatically identifies if a user has an on-prem or remote mailbox to enables Unified Messaging either in on-premise Exchange server or in Exchange Online.	Enhancement
5.4.0	3293	Improved MS Online connection stability: Added retries and caching for a method to enumerate Office 365 license plans and options in the target tenant.	Issue

Version	ID	Item	Type
5.3.3	2528	New Web Action: Mail-enable User Action was added to allow admins to mail-enable Active Directory User Accounts.	Enhancement
5.3.3	2814	Updated Platform Support: Pre-release testing on Windows Server 2019 and Exchange Server 2019 initiated.	Enhancement
5.3.3	2859	Issue Resolved: Links to copied actions are now maintained after the upgrade.	Issue
5.3.3	3000	Issue Resolved: Adjustment to accommodate replication latency during object creation.	Issue
5.3.3	3005	Updated Web Portal: Option to hide logon page option “Keep me signed-in” added.	Enhancement
5.3.3	3013	Updated Self-Service: Text at the top of the Q & A wizard changed from red to default color to avoid the appearance of an error.	Enhancement
5.3.3	3017	Updated Rule: AD Users Set Automatic Replies was updated to return additional attributes.	Enhancement
5.3.3	3019	Improved Security: Additional Server-side policy enforcement processes have been added to ensure the integrity of the communication between the Web Portal and Cayosoft Administration Service.	Enhancement
5.3.3	3020	Issue Resolved: Additional Server side checks added to prevent tampering with web action settings.	Issue
5.3.3	3035	Improved Upgrade Processes: DynamicAttribute Defaults, RegEx Filters on License Rules, Complex Name Generation Rules, Skype On-premises Automation Rule, were added as upgrade test scenarios.	Enhancement
5.3.3	3036	Improved Security: Additional Server side reverse checks have been added to ensure the integrity of the communication between the Web Portal and Cayosoft Administration Service.	Enhancement

5.3.3	3037	Issue Resolved: Windows Server 2019 installation now proceeds without PowerShell Version Warning.	Issue
5.3.3	3047	Issue Resolved: Additional Server side checks added to prevent tampering with web action settings.	Issue
5.3.3	3049	Issue Resolved: The error message At least one license plan must be selected is now cleared after a license is selected.	Issue
5.3.3	3050	Issue Resolved: A copied Attribute Policy now displays on-screen and can be moved up/down as expected.	Issue
5.3.3	3097	Issue Resolved: Active Directory Check-Settings action now verifies the connection to all managed domains.	Issue

Version	ID	Item	Type
5.3.2	2380	Updated Web Actions Office 365 Group Management – Change history for Office 365 Group management was improved.	Enhancement
5.3.2	2571	New Rule Template > AD Users Self-Service Enrollment Report – A new report showing the Self-Service Password Enrollment status for users was added.	Enhancement
5.3.2	2608	Updated Web Action Office 365 Group No Welcome Message – Options were added to turn off group welcome notifications.	Enhancement
5.3.2	2699	Updated Rule Template AD Users Send Password Expiration Notification – New settings were added to this rule to take advantage of message throttle limits and to track the timestamp of the last notification sent to the user.	Enhancement
5.3.2	2708	Updated Web Action Suspend – The Suspend Action was updated to allow the user to select a time in addition to date when performing a future suspend. Note: The associated rule template for suspending users on a schedule must be properly configured for the time value to be effective.	Enhancement
5.3.2	2711	Updated Web Action Enable Mailbox – Enable mailbox was updated so that other attributes may be added to the Enable Mailbox dialog box.	Enhancement
5.3.2	2795	Updated SMTP Configuration – A message send throttle setting was added to control the number of emails per minute that can be sent by the service.	Enhancement
5.3.2	2822	Updated Web Portal – The message displayed to web portal users if the Cayosoft Administration service is initializing was made more friendly.	Enhancement
5.3.2	2840	Issue Resolved – The height of the Quick Action cards were made the same.	Issue

5.3.2	2841	Updated Role Management – An option was added to sort delegations by name.	Enhancement
5.3.2	2842	Web Action User Properties Updated – By default and without an extra policy, users will no longer be able to set both User cannot change password and User must change password simultaneously.	Enhancement
5.3.2	2843	Issue Resolved – in some cases when a user answers a question and anomalous error is displayed, or the field is not immediately validated after entry.	Issue
5.3.2	2848	Issue Resolved – The Membership Search feature now supports object names that contain apostrophes.	Issue
5.3.2	2850	Issue Resolved – Special characters in generated report files were removed. In some cases, these characters would prevent those reports from being placed in a Windows Compressed Folder.	Issue
5.3.2	2858	New Runbooks – Suspend Scheduled Tasks and Self-Service Management runbooks were added to the home page to make configuration of these popular services simpler.	Enhancement
5.3.2	2864	Issue Resolved – Changing Office 365 Groups description now displays the expected results.	Issue
5.3.2	2866	Updated Web Portal – The Web Portal’s Action Panel no longer requires a separate scroll bar.	Enhancement
5.3.2	2867	Issue Resolved – Provisioning rules now trim leading and trailing spaces for all attributes read from the choose data source.	Issue
5.3.2	2875	Improved Upgrades > Upgrade All Rules – Significant work was done to improve the rule upgrade process. The command Upgrade All Rules was added to simplify the upgrade process. Customers should still review each rule, post-upgrade to ensure any new features are properly configured.	Enhancement
5.3.2	2882	Issue Resolved – A configuration that could cause an “Access Denied” error during Self-Service Account Unlock has been eliminated.	Issue
5.3.2	2883	Roles Updated – The Self-Service Role Password Management Role was merged into the Web Administrators Role without a change in functionality.	Enhancement
5.3.2	2886	Updated Rule Analytics Collection Microsoft Office 365 Usage – The rule will now use the Microsoft Graph API by default for new installations.	Enhancement
5.3.2	2887	Update Self-Service Password Reset – A password mask has been added to hide the user’s password as they type. An optional reveal icon allows the user to show the password.	Enhancement

5.3.2	2892	Updated Web Portal Support for Linked Mailboxes – The web portal now supports Multi-forest Single Exchange Organization scenarios (a.k.a. Exchange Resource Forests) for on-premises Linked Mailboxes and Hybrid Remote Linked Mailboxes.	Enhancement
5.3.2	2896	Issue Resolved – The incorrect tense of the word Unlock was corrected on a dialog box.	Issue
5.3.2	2897	Issue Resolved – Several issues with the Employee Under Manager Query were resolved.	Issue
5.3.2	2898	Issue Resolved – Distribution Group's apostrophes in the names are now supported.	Issue
5.3.2	2908	Updated Web Portal Client IP Tracking – Cayosoft now tracks the users' client IP addresses when they connect to the Cayosoft Web Portal and perform tasks.	Enhancement
5.3.2	2913	New Web Actions > New Linked Mailbox & New User with Linked Mailbox – linked mailboxes are now supported for Multi-forest Single Exchange Organization's scenarios (a.k.a. Exchange Resource Forests)	Enhancement
5.3.2	2914	Updated Web Action Office 365 License – The Office 365 licensing web action now supports license management for Exchange Resource Forest Remote Mailbox.	Enhancement
5.3.2	2915	Updated Office 365 License Quotas – The Office 365 licensing quota calculations now include Exchange Resource Forest Remote Mailboxes.	Enhancement
5.3.2	2933	Updated Web Action Support for Exchange Resource Forest Remote Linked Mailboxes – Most web actions that perform hybrid operations now support Exchange Resource Forest Linked Remote Mailboxes.	Enhancement
5.3.2	2957	Update rule: AD Users Set Proxy Addresses – The updated rule is now able to pre-fix existing SMTP and smtp address to allow the email address during Suspend operations to allow for the re-use of those addresses by newer user accounts.	Enhancement
5.3.2	2958	Updated Attribute Policies for Name Generation – Name generation can now have attribute values added when the value of the attribute is equal to the specified list of values.	Enhancement
5.3.2	2969	New Rule Template > AD Users Set Automatic Replies – This rule will add or remove Automatic Replies on users' on-premises or remote (hybrid) mailboxes.	Enhancement
5.3.2	2972	Issue Resolved – Additional checks were added for UPN Uniqueness.	Issue
5.3.2	2976	Issue Resolved – In some cases the Suspend, Undo Suspend, Disable User and Enable User commands would not execute subsequent custom rules.	Issue

5.3.2	2979	Office 365 Friendly Name Updated – Windows 10 Enterprise E5 friendly name and option names were added.	Enhancement
5.3.2	2981	Updated installation pre-requisite tool MSONline Version Control – The pre-install prerequisite tool now installs the specific version of the MSONline PowerShell commands.	Enhancement
5.3.2	2984	Updated Web Action Rename User – Rename user now supports adding additional attributes to the Rename user dialog box.	Enhancement

Version	ID	Item	Type
5.3.1	1459	Updated Group Self-Service: Members of a group specified as the managed by of a group can now manage the group through group management self-service.	Enhancement
5.3.1	2411	Updated Web MFA Action: Administrator using the web portal may now require the user to provide contact methods when changing a user's Multi-factor settings.	Enhancement
5.3.1	2495	Update Group Properties Web Action: Additional invalid characters can now be specified and removed when the group is modified using the Group Properties Action.	Enhancement
5.3.1	2533	Updated Self-Service: users now can unlock their Active Directory account without resetting a password.	Enhancement
5.3.1	2535	Updated Attribute Policies: Administrators can now re-order Attribute Policies so that they can be applied in a specific order.	Enhancement
5.3.1	2574	Updated Self-Service Password Management: The order of the fields associated with Self-Service Password Management have been updated so that users can cycle through the forms using the TAB key.	Enhancement
5.3.1	2629	Updated Web Portal Forms: Password complexity is now displayed on both the Self-Service Password Change dialog box and the Change User Password Quick Action.	Enhancement
5.3.1	2673	Updated Web Portal Data Grid: Default column attributes can now be configured on the Active Directory Extension. These default values become available as columns in the Web Portal Search Grid and can be displayed or hidden according to need.	Enhancement
5.3.1	2704	Updated Web Action User Properties: Remote Desktop Service Profile Tab added to the User Properties dialog box.	Enhancement
5.3.1	2707	Updated Web Portal: Homepage icon for Self-Service Password Management enrollment now reflect the state of enrollment.	Enhancement
5.3.1	2747	Issue Resolved: Properties may appear empty when an existing value is present, an Attribute Policy is defined with possible values, and the existing value is not on the possible values list.	Issue

5.3.1	2758	Issue Resolved: Domains excluded from management on the Active Directory Extension will no longer affect the administration service if an improper configuration is applied.	Issue
5.3.1	2760	Updated Administrative Units: Effective policies are now calculated for each object when selected from the results of a Global Search Administrative Unit.	Enhancement
5.3.1	2772	Issues Resolved Dynamic Groups: If groups are populated with subordinates to a manager and a circular error occurs the console will now time-out gracefully.	Issue
5.3.1	2773	Office 365 Configuration Updated: Support for various connection parameters added to support different tenant types.	Enhancement
5.3.1	2774	Updated Web Portal Logon: Web portal can now be configured with a default domain so that users within that domain can logon without entering a domain name.	Enhancement
5.3.1	2779	Updated Self-Service Password Management: During enrollment or updating the user's enrollment, answers can be masked. This is configured on the Self-Service – Password Self-Service Enrollment Details rule.	Enhancement
5.3.1	2783	Updated Dynamic Groups: The populate group with direct reports now supports search base and scope options to determine how many OU levels will be searched for users.	Enhancement
5.3.1	2791	Updated Setup: During installation the error message informing the user that RSAT tools are not installed was incorrect. This message has been corrected. This does not affect installations where the requirements check tool was used.	Enhancement
5.3.1	2794	Issue Resolved: The AD Users Enforce License Rule was updated to perform better.	Issue

Version	ID	Item	Type
5.3.0	529	Updated Feature: License Quota Configuration for Administrative Units.	Enhancement
5.3.0	1499	Updated Rules: Skype Server Provisioning Rules – The rules included with the Skype Server (formerly Lync Server) were updated to include additional settings needed for complete provisioning of on-premises Skype users.	Enhancement
5.3.0	2570	Improved Scalability & Performance: Self-Service Password Management Enrollment was optimized for performance.	Enhancement
5.3.0	2599	Issue Resolved: Filter Office 365 Licenses by User report by SubscriptionType	Issue

5.3.0	2603	Updated Feature: Template rules for Built-in Rules – Each of the built-in rules now has a template. This allows those rules to be used in situations where one built-in rule won't cover the desired scenario.	Enhancement
5.3.0	2613	New Web Action: Create Linked Mailbox – this command allows a mailbox in an Exchange forest to be linked with a user in a separate authentication forest.	Enhancement
5.3.0	2622	New Dynamic Groups Query: AD Users – Employees under manager – This query will allow populating a dynamic group with one or more levels of employees of the specified manager.	Enhancement
5.3.0	2625	Product Licensing Improvement: Cayosoft Administrator Subscription licenses will no longer need to be updated between major version of the software.	Enhancement
5.3.0	2630	New Web Action: New User with Linked Mailbox – this command creates a disabled user with a mailbox to be created in an Exchange forest and linked with a user in a separate authentication forest.	Enhancement
5.3.0	2632	Office 365 Extension Improvements: Connection Type Settings – Additional settings were added to support Office 365 Tenants that require additional settings when a connection is established.	Enhancement
5.3.0	2650	Skype Server extension now available by out-of-the-box with additional license purchase.	Enhancement
5.3.0	2660	Updated Rule: AD Users Enforce License – updated to support faster response when licensing new user accounts.	Enhancement
5.3.0	2669	Updated Web Actions: New Contact and Contact properties may now display up to 15 additional attributes.	Enhancement
5.3.0	2670	New Rule: Office 365 License Usage Approaching Quota Limit – This rule sends an alert when the number of available Office 365 licenses drops below the specified Alert Threshold in comparison to the License Quota Limit.	Enhancement
5.3.0	2675	New Rule: Office 365 License Quota Report – This rule creates an Office 365 License Quota Report for chargeback reporting, determining which administrative group is over quota, licensing costs per administrative groups and other quota consumption details.	Enhancement
5.3.0	2705	Update to Self-Service Password Reset – Encryption Key must be set before first user enrollment.	Enhancement

Version	ID	Item	Type
5.2.3	2569	Issue Resolved: Case 5058 Domain Controller Selection refinement made.	Issue

5.2.3	2538	Updated Web Provisioning Rule: AD Users Create Exchange Remote Mailboxes now contains an option for enabling Archive.	Enhancement
5.2.3	2527	Updated Web Provisioning Policy: New User Office 365 mailbox post creation tasks now include additional settings.	Enhancement
5.2.3	2526	New Web Portal Provisioning Rule: New User Create On-premises now contains mailbox post creation tasks need to configure most exchange mailbox settings.	Enhancement

Version	ID	Item	Type
5.2.1	2556	Updated Web Action: Self-Service Enrollment may now be configured to choose questions for a user during enrollment randomly.	Enhancement
5.2.1	2554	Updated Web Action: Self-Service Enrollment was simplified by moving Alternative Phone and Email to the Q & A form. These attributes may now also be hidden by Attribute Policy.	Enhancement
5.2.1	2552	Updated Web Action: The New User web action can now display up to 15 additional attributes.	Enhancement
5.2.1	2532	Updated Web Portal: The logon screen can now be configured to display terms of user notification.	Enhancement
5.2.1	2525	Updated Web Action: Self-Service Enrollment may now be configured to allow users to answer a sub-set of enrollment questions before being allowed to reset a forgotten password.	Enhancement
5.2.1	2511	Updated Web Action: Self-Service Password Reset now includes a description of the password complexity rules that must be met.	Enhancement
5.2.1	2505	New Web Action: Self-Service users may not share a secret code word with Help Desk to validate the user's identity.	Enhancement
5.2.1	2500	Updated Rule: AD Users Self-Service Enrollment Notification now includes improved throttling for large deployment roll-outs.	Enhancement

Version	ID	Item	Type
5.2.0	2541	Updated Web Action: New User Action – The number of additional attributes that may be displayed was increased from 6 to 8.	Enhancement
5.2.0	2531	Updated Rule: Office 365 Users Multi-Factor Authentication (MFA) Status – The enrollment date has been added to the rule's output.	Enhancement
5.2.0	2521	Default web portal color scheme minor update	Enhancement

5.2.0	2499	Updated Attribute Policies Support for Name Generation Added – Name generation can now be configured within an Attribute Policy allowing name generation policy to differ by Administrative Unit.	Enhancement
5.2.0	2497	Updated Feature: Product Icons – New high-contrast product icons added to the Configuration Console and the Web Portal.	Enhancement
5.2.0	2494	Updated Web Action: New User – DynamicAttribute capability has now be added to the New User and User Properties web forms. When the New User form is opened, DynamicAttributes on the form are identified, pre-populated with a value and then marked read-only. When the User’s Properties form is displayed, DynamicAttributes are identified and marked as read-only.	Enhancement
5.2.0	2485	Updated Home Page Attention Needed – The Attention Needed tab now displays a warning when several important required components need to be updated or are missing.	Enhancement
5.2.0	2479	New Rule: AD Users Expired Office 365 Linked User Status – This new rule will rule will report Hybrid User Security Issues when an expired account in Active Directory, but an Active Account in Office 365.	Enhancement
5.2.0	2475	Updated Web Portal Logon Instructions – Web portal instruction explaining the format of the username may now be customized.	Enhancement
5.2.0	2473	Updated Name Generation Builder – The builder now supports all attributes that are exposed on the New User Web Action dialog box.	Enhancement
5.2.0	2470	New Feature Setup Requirements Verification App – A new application was added to the Caysoft download installer that will quickly identify what pre-requisite Microsoft components are missing and assist in installing them.	Enhancement
5.2.0	2463	Updated Rule: Office 365 Users Enforce Multi-Factor Authentication (MFA) filter added – A filter to skip users that already have MFA enabled was added to this rule.	Enhancement
5.2.0	2462	Delegation wording changed slightly – The term “Grant Trustees access to the following Web Queries and Web Actions” was simplified to “Trustee permissions.”	Enhancement
5.2.0	2460	Action Required Update: the Required version of PowerShell check and out-of-date notification.	Enhancement
5.2.0	2449	Updated Rules: Update rule: AD Groups Enforce License, AD Users Validate License – Rules were optimized for performance.	Enhancement

5.2.0	2402	Updated Attribute Policies Support for Password Generation Policies – Password generation can now be configured within an Attribute Policy allowing password generation policy to differ by Administrative Unit.	Enhancement
5.2.0	2301	New Feature: Alternative name generation rules for Office 365 commands added.	Enhancement
5.2.0	1544	Updated Rules: Future Suspend Rules Now Support Date and Time – Users can now specify both a date and time for future suspends and undo-suspends.	Enhancement

Version	ID	Item	Type
5.1.0	2189	Easily add read-only Web Administrator Delegation	Enhancement
5.1.0	2284	Retrieve LAPS password from Active Directory	Enhancement
5.1.0	2286	Optimize Rules: AD Users Recently Modified and AD Object Recently Modified	Enhancement
5.1.0	2300	New Web Actions: Additional Commands for Azure Active Directory User, Group	Enhancement
5.1.0	2375	Office 365 Service Usage Collection Optimization for Large Environments	Enhancement
5.1.0	2384	Office 365 License Assignment Error Enhancement	Enhancement
5.1.0	2387	Incorrect Office 365 License Assignment in Specific Situation	Issue
5.1.0	2388	Cayosoft Global Administrators Now Subject to Attribute Policies	Enhancement
5.1.0	2389	Default Web Portal Layout Changed (Small Grid + Quick Actions Automatically Displayed)	Enhancement
5.1.0	2393	Renamed Rule Rule Office 365 Users Enforce License by AD Group Membership to AD Group Enforce Office 365 License	Enhancement
5.1.0	2396	Renamed Rule Office 365 License by Active Directory User to AD Users Office 365 Licenses	Enhancement
5.1.0	2399	Simplified Names of Built-in Folders	Enhancement
5.1.0	2400	Self-Service customized attributes do not display properly	Issue
5.1.0	2403	Office 365 Hybrid License Assignments Optimized for Large Environments	Enhancement

Version	ID	Item	Type
5.0.0	2292	Office 365 User Mailbox Properties Web Action	Enhancement
5.0.0	2296	Office 365 New AAD Group Web Action	Enhancement
5.0.0	2268	Office 365 New AAD User wizard Web Action	Enhancement

5.0.0	2371	Office 365 Quick Actions for AAD User: Service Adoption	Enhancement
5.0.0	2278	Office 365 AAD User Properties Web Action	Enhancement
5.0.0	2295	Office 365 AAD User Password Reset Web Action	Enhancement
5.0.0	2275	Updated Rule: Office 365 Mailboxes Enable Auditing – Additional Settings Added	Enhancement
5.0.0	2192	Updated Attribute Policy: Allow Empty Possible Value	Enhancement
5.0.0	2237	Console: New Home Page Runbook Items	Enhancement
5.0.0	2250	Updated Rule: Suspend User – Disable Remote Mailbox	Issue
5.0.0	2271	Membership Dialog Does Not Update Group in Specific Situations	Issue
5.0.0	2285	Updated Rule: Office 365 Users Multi-Factor Authentication (MFA) Status – Filter for External & Global Admin Users	Enhancement
5.0.0	2266	Updated Rule: Office 365 Users Enforce Multi-Factor Authentication (MFA) – Filter for External users	Enhancement
5.0.0	2267	Updated Rule: Office 365 Users Enforce Multi-Factor Authentication (MFA) – Global Admin Show in Preview	Issue
5.0.0	2369	Web Portal: MFA Action Linked By Default to Users	Enhancement
5.0.0	2196	New Rule: AD Groups and Members – Includes Nested Group Option	Enhancement
5.0.0	1755	New Web Action: Office 365 Skype for Business Properties Dial-in	Enhancement
5.0.0	2238	Web Portal: Renamed “Self-Service” Node to “My Profile & Password”	Enhancement
5.0.0	2256	Rename Rule: Office 365 Users Change selected options	Enhancement
5.0.0	2257	Rename Rule: Office 365 Users Change selected options by AD Group	Enhancement
5.0.0	2216	Set Recording Policy for Skype Server Users	Enhancement
5.0.0	2249	New Rule: Office 365 Set Skype Policy	Enhancement
5.0.0	2277	Updated Rule: Suspend Office 365 User – Error in Office 365 Only Mode	Issue