

What's new in Cayosoft Guardian V6

Release notes - Cayosoft Guardian v6

[What's new in Cayosoft Guardian \(versions 5 and below\)](#) | [Product Lifecycle Matrix](#) | [Downloads](#)

NOTE: Some features mentioned below may not be available to all users yet. By default, Cayosoft Guardian utilizes the Mainstream channel to provide updates, which is the recommended option for most production environments. However, if you wish to try out new features before they become generally available, you can select the Early Adopter channel. Note that changing this setting will only impact future updates. Learn more in: [Configuration: Automatic product updates in Cayosoft Guardian](#).

What's new in 6.4.0

ID	Category	Item	Product Area	Version
28584	Fixes	An issue where false positive change history records and alerts were intermittently generated for Privileged Identity Management (PIM) role updates. Related requests: 11035, 15936, 16134.	Change Monitoring	6.4.4
27689	Fixes	An issue where the Forest Recovery plan failed to create a break glass account when the default Users container was redirected to a custom Organizational Unit (OU).	Forest Recovery	6.4.3
27615	Enhancements	This update introduces minor fixes and improvements across the Guardian Protector web interface.	Service	6.4.2
27509	Fixes	An issue where running the Threat Detection job might cause Cayosoft Guardian Service to stop working after upgrading to 6.4.0.	Threat Definition	6.4.1
27443	Fixes	An issue where the Entra Supplementary Change Collection operation failed with an error: <i>'Resource '<GUID>' does not exist or one of its queried reference-property objects are not present'</i> when a user's authentication method entry was changed and then the user was deleted shortly thereafter, before audit-log-based collection occurred.	Change Monitoring	6.4.1

ID	Category	Item	Product Area	Version
17581	New features	Cayosoft Guardian launches a brand-new Protector edition of Cayosoft Guardian - designed to help you start protecting your Active Directory and Microsoft Entra ID environments at no cost. Cayosoft Guardian Protector is designed to give organizations an entry point into monitoring and protecting Active Directory (AD), Microsoft Entra ID, and Microsoft 365 environments. This edition provides essential visibility, alerting, and reporting capabilities, while introducing the key Guardian dashboards and workflows.	Service	6.4.0
10936	New features	To learn more about the feature, see Cayosoft Guardian Protector: Features and functionality . Cayosoft Guardian introduces the ability to configure read-only connection accounts for Microsoft Entra tenants directly in the user interface. With this feature, Cayosoft Guardian helps your organization follow security best practices while still maintaining rollback and recovery capabilities when required.	Service	6.4.0
20742	New features	To learn more about the feature, see Configuration: Add a Tenant . Cayosoft Guardian now supports handling protected DNS zones and records during Forest Recovery operations where organizations configure DNS objects in Active Directory with ACLs that deny deletion to prevent accidental removal.	Forest Recovery	6.4.0

ID	Category	Item	Product Area	Version
18875	New features	<p>Cayosoft Guardian now supports creating backup plans with domains managed via Group Managed Service Accounts (gMSA). With this capability, administrators can back up Active Directory forests without using privileged accounts, reducing the security risk if the connection account is ever compromised. The following capabilities have been implemented:</p> <ul style="list-style-type: none"> • Support for read-only gMSA accounts when adding domains to backup plans • Improved validation and error handling during backup execution <ul style="list-style-type: none"> ◦ If no Forest Recovery agent is detected on a domain controller ◦ If a Forest Recovery agent version is incompatible with the Guardian server • The <i>Install Agent</i> action now available on the Domain Controllers tab in the backup plan <p>NOTE: This action requires administrator credentials and allows manual deployment of agents where needed.</p> • The <i>Agent Status</i> column added to the Domain Controllers tab for improved visibility <p>To learn more about the feature, see Forest Recovery: Create and run backup plans.</p>	Forest Recovery	6.4.0
25878	Enhancements	<p>Alerts sent to Communication channels now include the System Type (e.g., Microsoft Entra ID, Microsoft Teams, Microsoft Intune, Exchange Online), so you immediately know where a change came from.</p>	Change Monitoring	6.4.0
25834	Enhancements	<p>Cayosoft Guardian now allows adding and appending comments when excluding alerts. Comments are saved with the alerts to capture important context for future investigations.</p>	Threat Definitions	6.4.0

What's new in 6.3.0

ID	Category	Item	Product Area	Version
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ID	Category	Item	Product Area	Version
26997	Fixes	<p>An issue where the operation failed with an authorization error indicating missing DeviceManagementScripts application permissions in Microsoft Graph when running an Intune change collection job.</p> <p>Cayosoft Guardian introduces the following new features to the authentication stack:</p> <ul style="list-style-type: none"> • Cayosoft Guardian now supports Integrated Windows authentication (IWA) (also known as AD SSO) • Customizable login disclaimer 	Change Monitoring	6.3.1
24585	New features	<ul style="list-style-type: none"> ◦ Administrators can configure a custom disclaimer message displayed on the login screen ◦ Supports compliance use cases where user acknowledgment or legal notices are required before system access <p>To learn more about the feature, see Authentication methods in Cayosoft Guardian.</p> <p>Cayosoft Guardian now supports application-only authentication for Entra ID and Microsoft 365 tenants, enabling secure integration without storing user passwords. The following are the key features:</p> <ul style="list-style-type: none"> • Cayosoft Guardian now creates a single-tenant application and a corresponding application in each managed tenant. • The application is granted Global Administrator role and is added as an owner of both the app and its identity. • Cayosoft Guardian uses a certificate credential for authentication. The certificate is securely stored automatically rotated every 30 days (configurable), and manually renewable via the UI. <p>To learn more about the feature, see Entra application accounts.</p>	Service	6.3.0
12557	New features	<ul style="list-style-type: none"> • Cayosoft Guardian now creates a single-tenant application and a corresponding application in each managed tenant. • The application is granted Global Administrator role and is added as an owner of both the app and its identity. • Cayosoft Guardian uses a certificate credential for authentication. The certificate is securely stored automatically rotated every 30 days (configurable), and manually renewable via the UI. <p>To learn more about the feature, see Entra application accounts.</p>	Service	6.3.0

ID	Category	Item	Product Area	Version
5783	New features	<p>Cayosoft Guardian now allows to choose which Microsoft 365 services are included in data collection, giving control over system performance and storage usage. Supported services include:</p> <ul style="list-style-type: none"> • Entra ID <p>NOTE: This option appears disabled in the wizard as Entra ID change events are always collected automatically. You do not need to enable this service manually.</p> <ul style="list-style-type: none"> • Exchange Online • Microsoft Teams • Intune 	Change Monitoring	6.3.0
8472	New features	<p>Enabling additional services increases database storage requirements. Estimate your storage needs using the calculator, which can be found in Planning and preparation: Cayosoft Guardian system requirements. Cayosoft Guardian now provides full change tracking and rollback support for Mail Flow Rules (also known as transport rules) in Exchange Online. For the full list of objects supported by Guardian, see Objects supported by Cayosoft Guardian. The Entra Supplementary Change Collection job has been optimized to improve performance, reliability, and compliance with Microsoft service limits. The key enhancements include:</p>	Change Monitoring	6.3.0
19854	Enhancements	<ul style="list-style-type: none"> • Supports event-based user tracking using Entra Audit Logs, instead of retrieving all data in bulk. • Reduces the likelihood of hitting Microsoft throttling limits and ensures faster data collection. 	Change Monitoring	6.3.0
25363	Enhancements	The PIM collection has become even faster than ever.	Change Monitoring	6.3.0
0807	Enhancements	Forest Recovery now includes improved handling for cases when the Active Directory database (DIT file) is in a Dirty Shutdown state.	Forest Recovery	6.3.0
24725	Enhancements	Database optimization and performance improvements have been implemented.	Service	6.3.0
25448	Fixes	An issue where the health check occasionally displayed the error "Failed to validate account type..." due to transient network issues.	Change Monitoring	6.3.0

ID	Category	Item	Product Area	Version
25677	Fixes	An issue where upgrading of Cayosoft Guardian could corrupt the DR agent installation on a domain controller, causing subsequent backups to fail.	Service	6.3.0
25762	Fixes	An issue where standby recovery plans could fail with a “networkInterfaces not found” error due to missing or incorrect dependencies.	Forest Recovery	6.3.0
26455	Fixes	An issue where recovery plans could incorrectly reuse the same backup for multiple domain controllers if the domain name registry value contained case differences.	Forest Recovery	6.3.0

What's new in 6.2.0

ID	Category	Item	Product Area	Version
25522	Fixes	<p>Resolved: an issue where Active Directory and Entra delegated administrators might be unable to log in to the Cayosoft Guardian portal if they were members of a large number of groups.</p> <p>The following new features have been implemented:</p> <ul style="list-style-type: none"> • Cayosoft Guardian now logs actions/operations initiated by the users. This includes job executions, rule creation or deletion, and configuration changes which are displayed as history records in Change History when selecting Guardian as system type from the advanced filters. To learn more about the feature, see Internal audit in Cayosoft Guardian. 	Service	6.2.1
5122	New features	<ul style="list-style-type: none"> • A new <i>System type</i> filter has been added to Change History view, allowing users to easily differentiate between changes made in Cayosoft Guardian interface and those collected from external systems (e.g., Active Directory, Entra, Exchange, Intune, Teams). • An enhanced <i>Operation type</i> (previously <i>Change type</i>) filter is now available to help distinguish product interface actions from Active Directory events. <p>To learn more about the advanced filters, see Using advanced filter in Cayosoft Guardian.</p>	Change History	6.2.0
19212	Enhancements	<p>Cayosoft Guardian now monitors, backs up, and recovers assignment filters in Microsoft Intune. For the full list of Intune objects supported by Guardian, see Objects supported by Cayosoft Guardian.</p>	Change Monitoring	6.2.0

ID	Category	Item	Product Area	Version
		Cayosoft Guardian resource calculator has been updated with the following new sections:		
10383	Enhancements	<ul style="list-style-type: none"> • Microsoft Teams • Microsoft Intune • Recommended server RAM • Recommended number of CPUs 	Deployment and resource planning	6.2.0
20112	Enhancements	Cayosoft Guardian now allows users to configure a dedicated notification account for Microsoft Teams and Exchange Online communications, separate from the Entra ID connection account.	Service	6.2.0
20878	Enhancements	Threat Definition now includes built-in detection of frequently leaked passwords, allowing for the identification of Active Directory accounts that use passwords known to have been exposed in previous data breaches.	Threat Definition	6.2.0
24687	Enhancements	Authentication settings collection has been optimized to prevent API throttling and inconsistent results in Entra ID.	Change History	6.2.0
20285	Enhancements	Cayosoft Guardian now defaults to using Azure Bastion for remote access to recovery VMs in Microsoft Azure.	Forest Recovery	6.2.0
18909	Enhancements	Cayosoft Guardian now leverages a more secure and efficient authentication protocol.	Service	6.2.0
20339	Enhancements	The <i>Find related</i> action is now enabled for users with the Global Reader permission which ensures read-only users have full access to object relationship navigation without needing elevated privileges.	Change History	6.2.0
18344	Fixes	Resolved: an issue where the "Server busy" LDAP error was thrown on the undelete operation.	Change Monitoring	6.2.0
24694	Fixes	Resolved: an issue where an alert was periodically triggered stating "Send As permission assigned for mailbox" when configuring the <i>Exchange Online Mailbox</i> type even though no permission change had occurred.	Service	6.2.0
20532	Fixes	Resolved: an issue where Cayosoft Guardian triggered license expiration notifications for customers who had already renewed their license.	Service	6.2.0

What's new in 6.1.0

ID	Category	Item	Product Area	Version
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ID	Category	Item	Product Area	Version
24676	Enhancements	<p>Changes to the following attributes are now excluded from collection by default:</p> <ul style="list-style-type: none"> • msDS-FailedInteractiveLogonCount • msDS-FailedInteractiveLogonCountAtLastSuccessfulLogon • msDS-LastFailedInteractiveLogonTime • msDS-LastSuccessfulLogonTime 	Change History	6.1.1
24529	Fixes	<p>This allows improving the performance in Change History as these attributes are frequently updated when the related GPO is enabled.</p> <p>Resolved: an issue where DR Agent deployment failed with the "ERROR_INSTALL_ALREADY_RUNNING" error, indicating that another installation was already in progress.</p>	Forest Recovery	6.1.1
8194	New features	<p>Cayosoft Guardian now provides the option to create break glass accounts during forest recovery to ensure secure access to the recovered Active Directory. Administrators can configure this feature when setting up a recovery plan. Windows Server 2025 is now supported, particularly:</p> <ul style="list-style-type: none"> • Change Monitoring scenarios - Cayosoft Guardian can now be deployed on Windows Server 2025 allowing you to monitor and audit changes in Active Directory. • Forest Recovery scenarios in Azure - Cayosoft Guardian can deploy domain controllers with Windows Server 2025 in Microsoft Azure. • Forest Recovery scenarios in AWS - Cayosoft Guardian can deploy domain controllers with Windows Server 2025 in AWS. 	Forest Recovery	6.1.0
17467, 17468, 19094	New features	<p>NOTE: When deploying domain controllers with Windows Server 2025 in AWS-based Forest Recovery scenarios, ensure that the selected EC2 instance types support UEFI boot mode. Older instance types such as t2.medium are not compatible and will result in provisioning errors. Cayosoft Guardian now defaults to t3 instances, which are supported. However, customers using legacy recovery plans may need to manually update the instance type to avoid deployment issues.</p>	Service, Change Monitoring, Forest Recovery	6.1.0

ID	Category	Item	Product Area	Version
13357, 16282	New features	<p>Cayosoft Guardian now supports auditing, monitoring, and recovery of authentication strengths in Conditional Access policies (CAPs) which allows:</p> <ul style="list-style-type: none"> • Monitor changes of authentication strengths to see modifications and set alerts about unwanted modifications • Restore deleted/modified authentication strengths to prevent outages or security incidents caused by unwanted modifications • View authentication strengths configured in Live view to check its configuration without going to the Azure portal 	Change Monitoring	6.1.0
17095	New features	<p>Cayosoft Guardian now includes a new Remediation Complexity property for Threat Definitions. This property reflects the potential impact of applying the recommended remediation in a production environment. It is designed to help organizations assess the risk and plan appropriate response strategies by indicating the relative complexity of each remediation.</p>	Threat Definitions	6.1.0
24259	Enhancements	<p>Cayosoft Guardian now provides an optional reboot feature in Forest Recovery plans, allowing administrators to automatically restart domain controllers in a post-recovery stage.</p>	Forest Recovery	6.1.0
20702	Enhancements	<p>Cayosoft Guardian now provides an option in the Forest Recovery plan to control Group Policy (GPO) application when restoring Domain Controllers using the CleanOS method, preventing third-party software interference and potential malware reintroduction.</p>	Forest Recovery	6.1.0
16096	New feature	<p>Cayosoft Guardian now supports Administrative Units (AUs) with dynamic membership rules, enabling tracking, auditing, and restoration of key attributes. The following additional AU properties are tracked:</p> <ul style="list-style-type: none"> • membershipRule • membershipType • membershipRuleProcessingState 	Change History	6.1.0

ID	Category	Item	Product Area	Version
17520, 19132	Enhancements	<p>Cayosoft Guardiannow automatically configures DNS zones during Forest Recovery and Recovery plan for standby forest when restoring domain controllers (DCs).</p> <ol style="list-style-type: none"> When no DNS partitions (ForestDNSZones/DomainDNSZones) exist in the selected backups, Cayosoft Guardian will: <ul style="list-style-type: none"> Create non-AD integrated zones on the first restored root DC Assign root DNS dynamically based on the presence of ForestDNSZones or DomainDNSZones replicas When no DomainDNSZones or ForestDNSZones exist in the source DCs, Cayosoft Guardian will create non-AD integrated DNS zones on the first restored root DC. 	Forest Recovery	6.1.0
18705	Enhancements	Cayosoft Guardian now retrieves Disaster Recovery Agent logs before terminating site machines when the Recovery plan for standby forest fails.	Forest Recovery	6.1.0
20247	Enhancements	Users can now configure recovery plans to use a Relay VM instead of the Azure Relay service. Existing recovery plans can be updated to use the Relay VM moving forward.	Forest Recovery	6.1.0
20339	Enhancements	Users with the Global Reader permission can now use <i>Find related</i> action in <i>Change Monitoring > Change History</i> , which allows them to track related objects across systems.	Change History	6.1.0
18621	Enhancements	Cayosoft Guardian now provides additional email delivery options by allowing users to specify CC and BCC recipients in communication channels and alerting rules. Cayosoft Guardian now supports configurable retention rules for archived data, allowing organizations to manage data aging and ensure compliance with retention policies. The following rules have been added:	Service	6.1.0
13895	Enhancements	<ul style="list-style-type: none"> Retention rule for Change History record in default archive Retention rule for Change Alerts in default archive Retention rule for Threat Alerts in default archive 	Change History	6.1.0

ID	Category	Item	Product Area	Version
		Cayosoft Guardian now supports the following options in Conditional Access Policies (CAPs):		
16276	New features	<ul style="list-style-type: none"> • Live view for newly introduced CAPs options • Require token protection for sign-in sessions 	Change Monitoring	6.1.0
		Cayosoft Guardian now provides encryption options for secure data transmission between the external SQL Server and Guardian. The following features have been implemented:		
		<ul style="list-style-type: none"> • Encryption settings, previously under Advanced Configurations, are now available directly in the UI 		
16408	Enhancements	<ul style="list-style-type: none"> • Administrators can easily enable the SSL encryption for database connections • On upgrade, pre-configured encryption options will be moved from advanced settings to the UI • If an unencrypted SQL Server connection is detected at service start, it will raise an informational alert 	Service	6.1.0
18917	Enhancements	Cayosoft Guardian now preserves changes made in <i>appsettings.json</i> and creates the backup of this file during the upgrade or runtime changes.	Service	6.1.0
18672	Enhancements	Cayosoft Guardian now supports scenarios where Active Directory operates under a Group Managed Service Account (gMSA) with the AD connector. Previously, Cayosoft Guardian required Azure Blob Storage to be configured for public access so that the agent could copy backups to the recovery site. Now, public	Service	6.1.0
19122	Enhancements	access is no longer necessary — Cayosoft Guardian uses AzCopy to securely transfer backups between storage locations. This allows access to be restricted from the internet, reducing the risk of unauthorized access.	Forest Recovery	6.1.0
20340	Enhancements	Cayosoft Guardian now supports configurable alternative regions for Forest Recovery, ensuring that recovery can proceed even if the primary region fails.	Forest Recovery	6.1.0
19172	Enhancements	Cayosoft Guardian now dynamically manages public network access for the temporary storage account used during Forest Recovery.	Forest Recovery	6.1.0
19139	Enhancements	Active Directory Event collection has been optimized for better performance.	Change Monitoring	6.1.0
17553	Enhancements	Automatic retry logic has been implemented for external database connections during service startup, preventing unnecessary failures when the database is temporarily unavailable.	Settings	6.1.0

ID	Category	Item	Product Area	Version
14638	Enhancements	Cayosoft Guardian now supports rolling back changes directly from the Archive Change History, ensuring that organizations can restore historical changes even after they have been archived	Change History	6.1.0
20096	Enhancements	Cayosoft Guardian now retrieves Teams data directly from the Microsoft Graph API instead of using an enum-based approach.	Change Monitoring	6.1.0
18516	Enhancements	Cayosoft Guardian now uses cached Administrative Unit (AU) membership data when processing Change History records, instead of querying the live system. This improves performance and reduces resource usage, especially in large environments.	Change Monitoring	6.1.0
20581	Enhancements	Cayosoft Guardian now supports automatic fallback to an alternative backup location if the primary backup storage is inaccessible, ensuring uninterrupted recovery operations.	Forest Recovery	6.1.0
19212	Enhancements	Cayosoft Guardian now monitors, backs up, and recovers assignment filters in Microsoft Intune. For the full list of Intune objects supported by Guardian, see Objects supported by Cayosoft Guardian .	Change Monitoring	6.1.0
18739	Enhancements	Job execution messages have been optimized.	Service	6.1.0
20092	Enhancements	Daylight saving time is now used in reports according to time zone settings.	Service	6.1.0
18910, 18928	Enhancements	Cayosoft Guardian AD connector has been improved, particularly: <ul style="list-style-type: none"> • Core improvements • Minor fixes 	Service	6.1.0
17204	Enhancements	Cayosoft Guardian now enforces a more secure configuration by enabling certificate validation by default in Forest Recovery Settings.	Service	6.1.0
20294	Enhancements	Cayosoft Guardian now allows custom naming of virtual networks (vNet) for Recovery Site VMs by defining a name for the virtual network instead of using the default naming convention.	Forest Recovery	6.1.0
17809, 17808, 19262	Enhancements	Cayosoft Guardian now leverages a more secure and efficient authentication protocol.	Service	6.1.0
24249	Fixes	Resolved: an issue where backup might fail when another VSS snapshot creation was in progress which resulted in an error: "Another shadow copy creation is already in progress..."	Forest Recovery	6.1.0
16029	Fixes	Resolved: an issue where users were able to attempt a rollback on deleted Intune devices, which resulted in an error: "Restore failed: Insufficient privileges to complete the operation."	Change Monitoring	6.1.0
16471	Fixes	Resolved: an issue where the Cayosoft Guardian service didn't start when set to Automatic (Delayed Start).	Service	6.1.0

ID	Category	Item	Product Area	Version
18344	Fixes	Resolved: an issue where rollback operations could fail with an error: "The server is busy." when undeleting multiple users that belonged to several groups.	Change Monitoring	6.1.0
18592	Fixes	Resolved: an issue where domain controller backup failed with an error: "There is not enough space on the disk".	Change Monitoring	6.1.0
19221	Fixes	Resolved: an issue where the Intune Change Collection job failed with an error: "SqlDbType.Time overflow." when setting a PowerShell script for macOS in Intune to run at a frequency of 'Every 1 day' or 'Every 1 week',	Change Monitoring	6.1.0