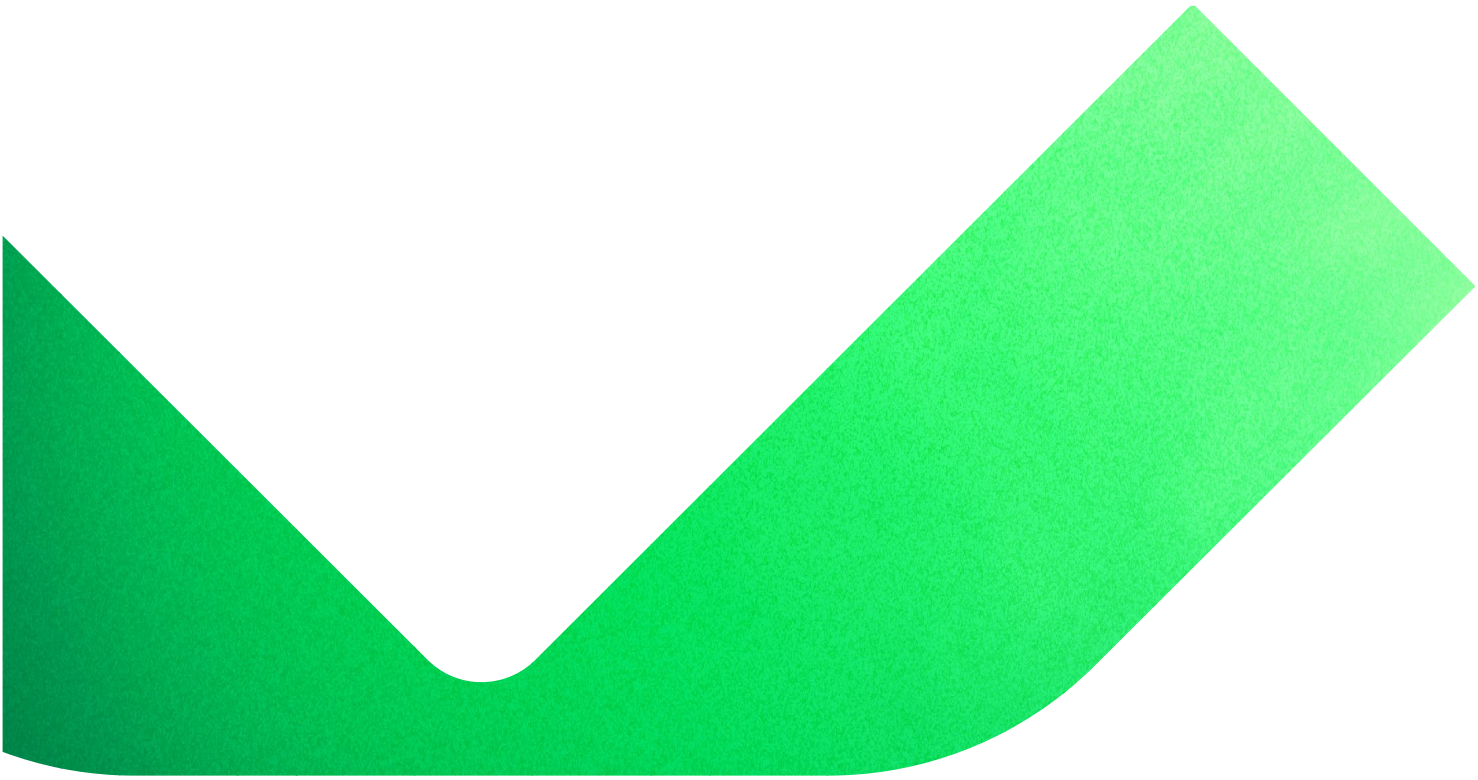
Veeam ONE v12.1

What's new



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Introduction

Veeam ONE v12.1, the monitoring and analytics engine of Veeam Data Platform, delivers proactive management with real-time visibility to ensure confidence in your ability to monitor and maintain your best line of defense.

The following is a list of major new features and enhancements added in V12.1 and available in Veeam Data Platform, with features being included in both the Advanced and Premium editions.

Major New features

Veeam Threat Center

New Veeam ONE v12.1 unveils an intuitive landing page, offering businesses a panoramic view of their data protection status spanning the entire platform — whether it's on-premises, enterprise applications, the public cloud, or physical workloads. This comprehensive insight ensures that organizations worldwide maintain uncompromised data integrity and security.

Introducing the Threat Center Page:

- **Data Platform Scores:** Gain a holistic perspective with a unified score derived from critical metrics. This score encapsulates key elements such as platform security compliance, the ratio of restore points with anomalies to those without, the alignment of protected workloads with the business's RPO mandates, and the immutability status across pivotal workloads.
- **Malware Detections:** Navigate a global map pinpointing potential threats, empowering security operations teams to swiftly identify and address repositories with anomalous restore points.
- **RPO Anomalies:** There is nothing more important than having restore points according to the specified policy. This new table overview will highlight those workloads that are configured to have protection but have not been processed successfully.
- **SLA Compliance Overview:** Experience a visualization, providing extended visibility over an extensive time frame. This feature categorizes data by the SLA success rate for each protected workload, per day, offering a quick and comprehensive assessment of compliance levels.

Empower your organization with Veeam ONE v12.1, ensuring that every key aspect of your data protection strategy aligns with global best practices, fortifying your defense against unforeseen challenges.

Unified Analytics-Driven Approach to Data Management

Included in this release the integration of Veeam Data Platform has been taken to unprecedented heights. Introducing the all-new "Analytics" section in the Veeam Backup & Replication console, designed to provide an immersive, tailored experience for each backup server's unique operational scope.

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Integrated Dashboards

Threat Center: Tailored insights that cater to each backup server's unique business operations.

Overview: A comprehensive overview of key backup infrastructure components with focus on core efficiency indicators.

Backup Heatmap: Real-time insights into repository and proxy usage, alongside continuous free space monitoring on repositories.

Jobs Calendar: A visual representation of job schedules, both upcoming and completed, streamlining job history analysis and future scheduling.

Alarm Lifecycle

ServiceNow Incident Management Integration

Veeam ONE v12.1 introduces an integration with ServiceNow built for the Enterprises, ensuring a seamless alarm lifecycle management experience. This enterprise-ready feature significantly amplifies your incident management capabilities.

Powerful Alarm Integration: Harness the power of over 200+ Veeam ONE alarms. Any triggered alarm in Veeam ONE can now automatically create incidents in ServiceNow, ensuring no critical issue goes unnoticed.

Bidirectional Communication: The integration goes beyond Veeam ONE pushing data to ServiceNow, as it does update and resolve incidents directly from ServiceNow, and witness these changes reflect in Veeam ONE, and vice-versa.

A New Heartbeat for the NOC Team: Seamlessly integrates as an essential member of your operations and NOC teams. With a deep dive into the health and status of Veeam Data Platform, virtual infrastructure usage, and immediate reporting on potential malware activities, it ensures your data platform remains robust and compliant.

Syslog SIEM Integration

Veeam ONE v12.1 comes with a seamless integration with the industry-standard Syslog, that is widely recognized by operations and NOC teams.

Enhanced Alarm Integration with Syslog: Empower your observability across virtual infrastructure, and data protection with over 200+ Veeam ONE alarms. Ensuring comprehensive visibility and rapid response to every critical event.

Universal Compatibility: Veeam ONE's integration with Syslog offers compatibility with major monitoring platforms, facilitating better insights and proactive measures in platforms like Grafana, Splunk, or any other enterprise observability accepting the Syslog standard.

A Game Changer for Operational Teams: Veeam ONE v12.1 becomes the indispensable pulse for your operations and NOC teams. Dive deep into Veeam Data Platform health, virtual infrastructure metrics, and get immediate alerts on potential malware activities, ensuring an ever vigilant and resilient data protection ecosystem.

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Veeam ONE Audit Integration: Enhancing security for environments demanding high compliance standards. The Veeam ONE Audit feature meticulously logs access to data, changes made to Reports, Alarms or Infrastructure for example, privileged activities like adding new infrastructure, and login sessions within Veeam ONE. With Syslog support, these critical security logs can be seamlessly exported and monitored, offering an additional layer of security and oversight.

Elevating Veeam Data Platform Security

Backup Security and Compliance: Instant Insights for Robust Data Protection

Veeam ONE v12.1's Backup Security and Compliance allows to easily navigate large-scale infrastructures and gain invaluable insights within seconds, improving the agility which the operational teams oversee data protection.

Reporting: Introducing a purpose-built report that assesses the configurations of all backup servers but also ensures that they align with established security best practices. This facilitates businesses to maintain a robust backup infrastructure, increasing confidence in their data protection strategy.

Alerting: Stay always informed and never be caught off-guard. With dedicated alarms for each Veeam Backup & Replication server and per best practice, receive timely notifications, ensuring you're always apprised of your infrastructure's adherence to best practices.

Dashboards: Whether it's the central Threat Center or custom dashboards, Veeam ONE v12.1 offers instant insights into the security and compliance of your backup servers, making data oversight both efficient and effortless.

Malware Detection: Pinpoint, Protect, Prevail

Veeam ONE v12.1's malware detections combined with Veeam Backup & Replication, it ensures that no suspicious activity, like possible malware, goes undetected.

Reporting: The malware detection report provides an exhaustive overview of detected malware anomalies across the infrastructure. By logging all incidents across workloads and restore points reported by Veeam Backup & Replication, it empowers users to swiftly distinguish between compromised and clean data, ensuring secure and clean restores to a not-compromised point in time.

Alerting: Veeam ONE v12.1 ensures immediate alerts if backup restore points or live workloads exhibit suspicious or infected behaviours. This proactive approach ensures threats are under control, maintaining the integrity of your operations.

Remediation Actions: Remediation actions have been added where the suspicious workloads are VMware vSphere VMs. These remediation actions, which can be triggered automatically, can change the affected VM workload network to an isolated one, or directly disable the virtual network adapters from the VM.

Dashboard: Dive into a visually engaging Threat Center equipped with a world map dotted with points, representing locations with detected malware. Immediately gauge the global impact and take informed, rapid actions to counteract threats.

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Other Features

Enhanced Support for Veeam Backup & Replication

In addition to the major new functionalities and enhancements, Veeam ONE v12.1 includes major improvements in different existing areas of the product, such as:

Backup of Object Storage

Monitoring: Added visibility of object storage backup infrastructure components and jobs to the following views in the Client UI: Summary, Data protection and Protected data tabs, backup repository, and backup proxy tree view nodes.

New **Object Storage Job State Alarm:** The alarm is triggered when the backup job reports an error or a warning for the processed object storage.

New **Protected Files and Object Storage Report:** The report assesses an environment and provides an overview of the protection status for unstructured data, encompassing file shares and object storage.

Alerting: Added support for object storage to tape jobs in the Tape Job State alarm.

Reporting: Object storage backup data is included in the multiple reports: Backup Infrastructure Custom Data, Backup Inventory, Backups on Tape, Backups on Repository, Capacity Planning for Backup Repositories, Immutable Workloads, Job History, Latest Job Status and License Usage.

Widgets: Backup Infrastructure Inventory, Backup Window, Job Status, Top Jobs by Duration widgets, Repository Free Space, Repository usage, and Proxy Usage heatmap now include object storage backup jobs data.

Rest API: Users can now use REST API to create custom reports and views on object storage backup.

Enhanced Support for SureBackup Jobs

Monitoring: Added support for SureBackup jobs with backup verification and content scan mode enabled in the Client UI. These jobs are also supported now in the Jobs Calendar under the SureBackup job type.

Alerting and Remediation Actions: Added support for SureBackup jobs with backup verification and content scan mode in:

- SureBackup Job State alarm
- Remediation action that adds object to a SureBackup job

Enhanced Reporting: Recovery Verification Overview, Verified VMs, Backup Infrastructure Assessment reports were updated to support new changes.

Expanded S3-compatible Object Storage Support

Monitoring: Added an ability to do capacity planning for S3-compatible object storage repositories.

Reporting: S3-compatible object storage repository data was added to Backup Billing, Backup Infrastructure Assessment, Backup Infrastructure Custom Data, Backup Inventory, Backups on Repository, Capacity Planning for Backup Repositories, Over-Provisioned Backup Repositories, Scale-out Backup Repository Configuration reports.

Widgets: Added support for S3-compatible object storage in Top Repositories by Used Space widget.

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UI and UX Enhancements

Enhanced Filtering and Data: Added possibility to quickly narrow data scope in the protection tab for Veeam Backup *for Microsoft 365* infrastructure. Added an ability to see what workloads are stored on the object storage repository.

Immutability: Users now can see the immutability period configuration for Veeam Backup *for Microsoft 365* and HPE StoreOnce repositories.

New Setup: Redesigned and simplified product setup provides a better user experience. That includes faster deployment in PoC or lab environments.

General Optimization: Data collection tasks were improved and optimized for all monitored infrastructures.

Reworked Schedule Tab: State and status columns were combined to improve data clarity and consistency.

Design Update: Widgets and graphs were redesigned and updated to provide better clarity.

Security: Added additional security mechanisms for IP-based token management, anti-CSRF tokens and support cookies for keeping authentication token.

Enhanced Logging: Remediation actions now log additional data in case of failed run script action improving troubleshooting.

New Workload Support: The new Veeam Agent *for Linux* PPC is fully supported, and can be seen in all current agent reports, monitor, dashboard, etc.

Data Collection Enhancements

Agent Data Collection: Streamlined data retrieval from the Veeam ONE Agent accelerates health checks of Veeam components, reducing collection times in large environments.

Granular Data Collection Intervals: Added a new logic that allows to manually increase, or reduce, data collection frequency depending on how large the backup infrastructure is, ensuring optimal efficiency and responsiveness.

Alarms

Enhanced Restore Activity Alarm: Added SAP HANA restore operations visibility.

Enhanced Immutability State Alarm: Added monitoring of immutability state for backups stored on HPE StoreOnce repositories.

Enhanced Immutability Change Tracking Alarm: : Added tracking of immutability settings of HPE StoreOnce repositories.

Reports

Enhanced Workload Protection History Report: The report's generation time greatly improved. The backup window period filter was also added to the report parameters.

Enhanced Recovery Verification Overview Report: Added CDP policies support in SureBackup jobs.

Enhanced Backup Objects Change Tracking Report: Added immutability property for external repositories.

Enhanced VM Daily Protection Status Report: Added job filter to the report scope.

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Enhanced Backup Infrastructure Assessment Report: Added information about object storage repositories in the free space section.

Enhanced Infrastructure Changes Audit Report: Added including and excluding lists in the report scope for the user selection.

Enhanced Scale-out Backup Repository Configuration Report: Added support for immutability property of HPE StoreOnce repositories.

Enhanced Backups on Tape Report: The report generation time was improved.

Enhanced Replica Billing Report: The report generation time was improved.

Enhanced Restore Activity Report: The report now includes SAP HANA, offering comprehensive insights into SAP HANA restore operations. Additionally, "Instant Disk Recovery" as a restore type has been included, enhancing visibility and control over this critical recovery feature.

REST API

Public Cloud: Added an ability to report on backup policy status, restore points data and protected workloads.

Enhanced Protected Data Endpoints: Added additional methods and properties to improve usability.

Enhanced Backup Job Endpoints: Added session details property in the backup jobs methods for Veeam Backup & Replication and Veeam Backup *for Microsoft 365* infrastructures.

Triggered Alarms: Users can now fully automate the remediation of triggered alarms directly from the API. This is perfect in combination with self-made portal, or third-party applications.

Platform Support

Veeam Backup & Replication v12.1: Customers can now monitor, report and receive alarms to get the most out of NEW Veeam Backup & Replication v12.1 features.

VMware vSphere 8.0 Update 2 Support: Organizations can now monitor and report on VMware infrastructures that run vSphere 8 (up to 8.0 Update 2).

VMware Cloud Director 10.5 Support: Service providers can now perform monitoring and reporting tasks on VMware Cloud Director 10.5 infrastructures.

Additional Information and Previous Releases

For expanded product information, check out the Veeam ONE v12 What's New doc from our previous release. It contains great insights into the monitoring and visibility capabilities and enhancements from Veeam Backup & Replication™

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