

Password Safe 23.1

BeyondInsight 23.1

What's New Documentation

Release Date – June 1, 2023

BeyondTrust Password Safe enables complete visibility and control of privileged credentials and secrets, in a single solution. Password Safe provides automated discovery and onboarding, management, auditing, and monitoring for any privileged credential across on-prem and cloud environments. The solution simplifies audit and compliance, giving enterprises visibility of privileged activity across the network. Password Safe empowers DevOps teams with the confidence to develop and deploy cloud solutions and secure secrets at the speed of DevOps.

With Password Safe, you can:

- Achieve complete visibility and control over privileged accounts.
- Scan, identify, and profile all assets for automated onboarding, ensuring no credentials are left unmanaged.
- Store secrets used for DevOps, including certificates, API keys, tokens, etc., in a secure and audited vault.
- Monitor and record live sessions in real-time and pause or terminate suspicious sessions.
- Use adaptive access control for automated evaluation of just-in-time context for authorization access requests.

Please see the [release notes](#) for additional details on these important enhancements.

Release Highlights – Password Safe 23.1

Password Safe Web Portal Refresh

Ease of Use within Password Safe is vital to our customers' experience as it ensures features are intuitive and easily accessible. With the release of Password Safe 23.1, we are excited to introduce the updated Password Safe Web Portal. The updated web portal improves the ease of use by consolidation of numerous tabs, simplifies the access to credentials and systems, and provides an updated look and feel for a streamlined experience and improved accessibility.

Benefits include

- Faster time to value through usability enhancements, including Browse by Category and greater filter granularity, together yielding faster search results
- Workflow improvements such as consolidated tabs, ability to save search criteria for future searches, and streamlined access to systems and credential access

- Improved accessibility of content. The new portal is compliant with Voluntary Product Accessibility Template (VPAT) and the guidelines in the Web Content Accessibility Guidelines (WCAG) 2.0

Please follow this link to take a tour of the updated Password Safe Web Portal:

<https://www.beyondtrust.com/ps-portal-tour>

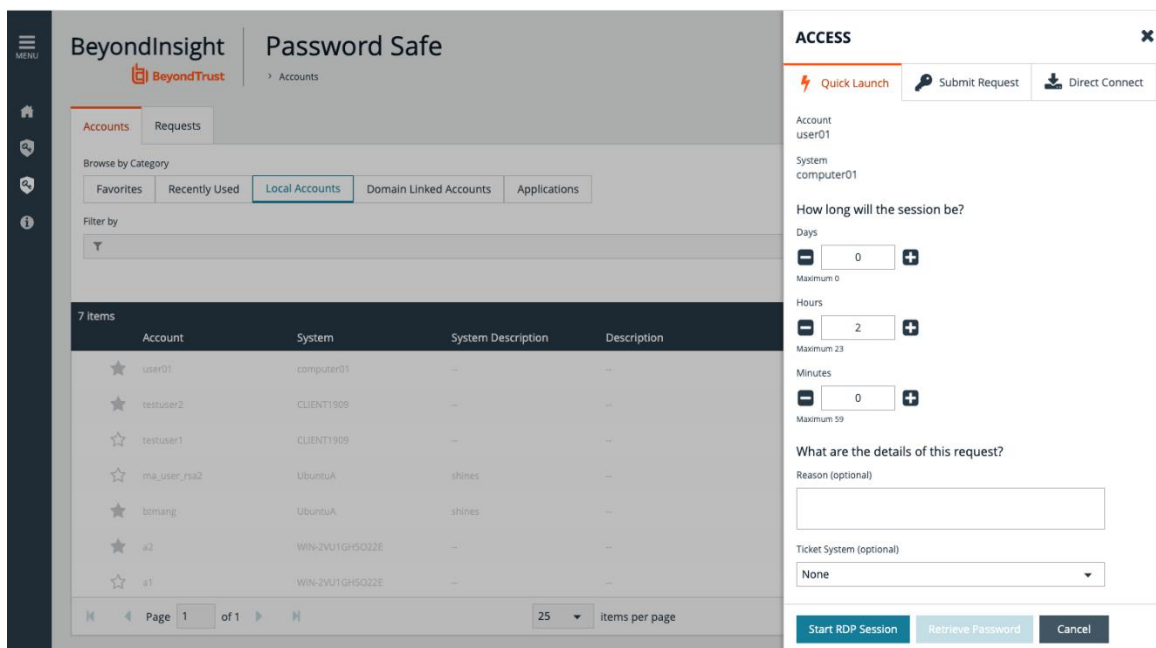


Figure 1 – New Password Safe Web Portal.

OAuth 2.0 Support – Public REST API

Password Safe enhances its authentication capabilities with support of the OAuth 2.0 standard. Password Safe customers benefit from the improved overall security, the user experience with the supplied user interface, and the ease of integration this feature introduces.

OAuth 2.0 support allows authentication to third party applications without sharing sensitive credentials like usernames and passwords. Instead, the new OAuth 2.0 workflows generates access tokens, which can grant defined access to resources for defined time periods.

OAuth 2.0 support helps organizations meet compliance requirements and reduces their attack surface as it enforces centralized identities. This makes managing permission and user access across multiple applications and services easier to achieve.

Terraform and Azure DevOps Integration within Secrets Safe

Password Safe **Terraform Provider** enables Password Safe's secrets management solution to be used with Terraform, providing a streamlined way for users to secure their Terraform-associated tokens. This



integration enables users and systems to remain secure, compliant, and productive while executing workflows with continuous integration, delivery, and deployment (CI/CD).

Users now can retrieve secrets using a directory path, instead of navigating through folders or directory trees. The integration is available via the BeyondTrust Resource Kit (available from the BeyondInsight console) and the HashiCorp Community Registry as a free plugin.

The Secrets Safe **Azure DevOps** extension supports retrieval of secrets from BeyondInsight/Password Safe versions 23.1 or greater. This integration enables consumers to seamlessly secure their Azure Pipeline credentials and secrets used daily for CI/CD workflows. This extension can be accessed via the Visual Studio Marketplace at no additional cost.

Remote Desktop Protocol Custom Port

Password Safe 23.1 provides administrators the ability to customize the Remote Desktop Protocol (RDP) connection ports, rather than using the standard port 3389. Administrators can set the RDP connection port on a specific managed system. Alternatively, a Smart Rule can be configured to target a set of managed-systems to use the new desired RDP connection port.

Enhanced Display Options for Remote Desktop Protocol

Users can now set display size options for RDP sessions when connecting to a remote system. This user experience enhancement provides the best window size and window resolution match for users. Display settings are selected with a drop-down menu including custom resolutions. Settings can be saved for future use.

New Password Safe Administration Permissions

Password Safe 23.1 introduces new administrative permissions, allowing administrators to delegate specific permissions resulting in fewer high level administrative users. Administrators can now create permission sets using Role-Based Access Control (RBAC) guidelines within Password Safe:

- Password Safe Configuration Management
- Password Safe Policy Management
- Password Safe Agent Management

Deprecation of Multi-System Checkout

This release has removed the multi-system checkout capability. Users can still checkout systems individually.

Release Highlights – BeyondInsight 23.1

Quick Navigation

Users can now quickly and easily navigate to any section of BeyondInsight by using the new Quick Navigation feature. The Quick Navigation feature also allows users to favorite their most frequently visited sections of BeyondInsight, making it simpler for the user to get to the sections they need with fewer clicks.

This feature is always available on the top right of the screen. For even faster access, users can also invoke Quick Navigation via CTRL+K.

New and Updated Reports for Audit and Compliance

BeyondInsight 23.1 introduces three new reports and one updated report to facilitate audit and compliance requirements.

- **New Reviewed Sessions** – Provides details on whether sessions were reviewed, and reports on “when” and “who” reviewed a session via the new Reviewed Session Report. This new report combines the valuable information already available in the Remote Session Activity Report and Password and Session Activity Report, adding two critical new datapoints:
 - Reviewed By
 - Reviewed Timestamp
- **New Application Auditing** – Provides a list of who has administrative access to applications managed by Password Safe. Improves audit and compliance capabilities, supporting customers who track and report on who has administrative access to managed applications on a recurring basis (i.e., SOX).
- **New User Audits** – Report on the activity of BeyondInsight users by action, username, IP address, and more, which are displayed on the User Audits grid. This display contains a valuable audit trail of user activity within BeyondInsight, and now users can export the data in a report format.
- **Updated Password Update Activity Report** – Now provides the critical information of who initiated a manual password change. Reporting is enabled regardless of whether the password change originated via API or through the user interface. The new report improves internal accountability and boosts audit and compliance readiness by providing evidence of when a password was updated, information about the account, who updated the password, and when it was updated.

New Report – Overlapping Smart Rules: Visibility and Effect on Performance

The new Smart Rule Overlap report is designed for BeyondInsight + Password Safe (BIPS) administrators. It provides visibility into assets or accounts selected for management by multiple Smart Rules. Any overlaps that are displayed should be investigated as they could impact or degrade system performance. Adjusting Smart Rules for minimal or no overlap significantly reduces the update frequency of the underlying database tables, resulting in improved performance.

Privilege Management for Windows and Mac (PMWM) Reporting SIEM integration

BeyondInsight 23.1 allows users to configure additional PMWM events that can be forwarded to a SIEM, allowing for richer integrations and increased security. With BeyondInsight 23.1, all Event Forwarder Connectors (such as Local Event Log, SNMP, Splunk, Syslog, or Universal) have a new Event Filter section called Privilege Management Reporting. In that section, users can select which events to forward (such as All, Starts, Logins, Protection, or Processes). This Event Filter option is shown when the BeyondInsight + Privilege Management Reporting (PMR) integration is configured in the environment.

Privilege Management Web Policy Editor (WPE) and Privilege Management Reporting (PMR) Enhancements

BeyondInsight 23.1 now supports the latest version of Privilege Management Web Policy Editor (WPE) v23.4 and the Privilege Management Reporting (PMR) v23.4. These have native installers and become embedded in BeyondInsight. The tools are easily upgraded as new versions of the WPE and PMR are released. The new enhancements support Add-to-Policy actions for administrators, such as when new policies are developed in Privilege Management applications and are surfaced within BeyondInsight.

Extended Platform Discovery

The BeyondTrust Discovery Agent 23.1 now supports account discovery on additional network devices. The new network devices are Arista, Palo Alto and Juniper.



About BeyondTrust

BeyondTrust is the worldwide leader in intelligent identity and access security, empowering organizations to protect identities, stop threats, and deliver dynamic access to empower and secure a work-from-anywhere world. Our integrated products and platform offer the industry's most advanced privileged access management (PAM) solution, enabling organizations to quickly shrink their attack surface across traditional, cloud, and hybrid environments.

BeyondTrust protects all privileged identities, access, and endpoints across your IT environment from security threats, while creating a superior user experience and operational efficiencies. With a heritage of innovation and a staunch commitment to customers, BeyondTrust solutions are easy to deploy, manage, and scale as businesses evolve. We are trusted by 20,000 customers, including 75 of the Fortune 100, and a global partner network. Learn more at www.beyondtrust.com.