BeyondTrust Password Safe 7.0

New and Updated Features – August 18, 2020

BeyondTrust Password Safe unifies privileged password and privileged session management, providing secure, automated discovery, management, auditing, and monitoring for any privileged credential—including for privileged and administrator accounts, applications, SSH keys, cloud admin accounts, and more). Password Safe enables organizations to achieve complete control and accountability over privileged accounts.

[See the release notes for details](#)

Feature Highlights

Migration to HTML5 is Complete

As a software platform for the production and display of interactive multimedia content, Adobe Flash changed the look of the internet after its inception more than a decade ago. Password Safe like many applications, was built with this technology, to enable an interactive experience through a web browser.

Adobe Flash will move to an 'End of Life' lifecycle stage at the end of 2020. BeyondTrust embarked on a project to remove Flash from Password Safe and move to a more modern user interface technology stack: HTML5.

We are excited to announce that we have completed the migration to HTML5. Version 7.0 is the first version to have no Flash remaining in the user interface either for solution users or administrators. This move has enabled significant improvements in the performance of Password Safe as well as delivering a modern, fast user interface.

During this project, we have also taken the opportunity to revisit a lot of the underlying code to introduce performance enhancements that you will see across the product. With all screens moved over to HTML5, customers will notice more even tile sizes and dynamic resizing on the BeyondInsight home page as well as a faster, responsive interface throughout.
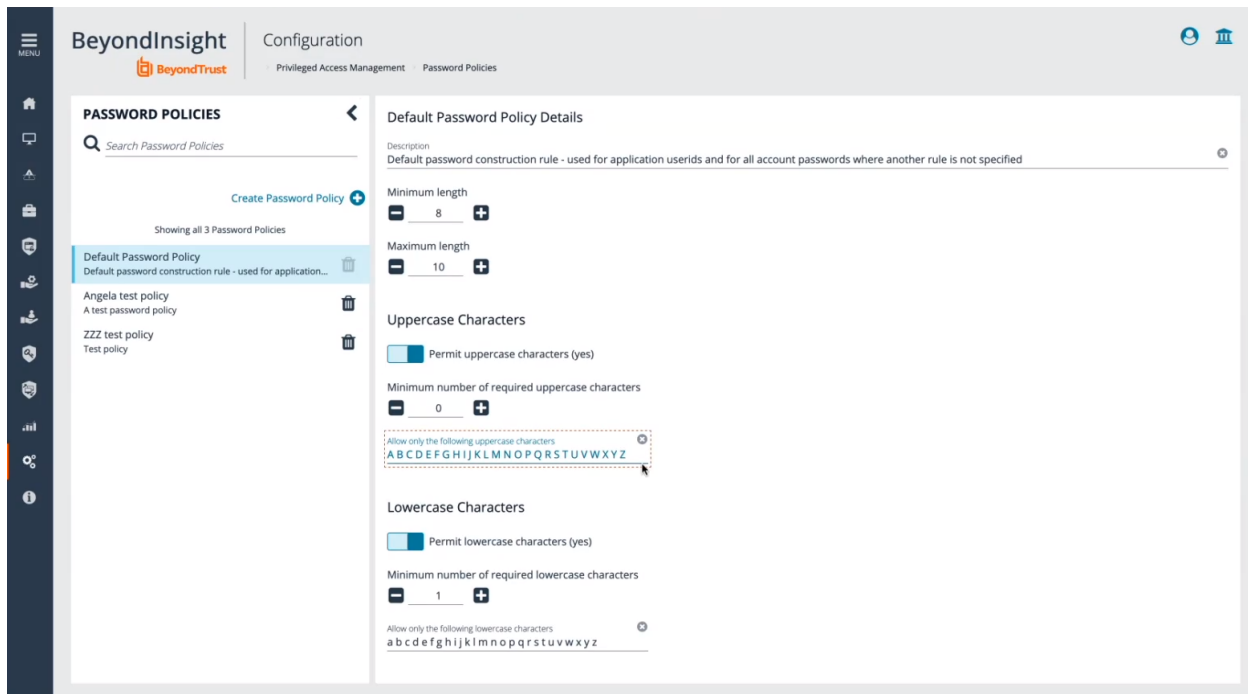
Figure 1- Example of screen moved to HTML5. Now it is easier to edit data with a faster, more responsive interface.

For Enterprise Vulnerability Management customers, BeyondInsight v6.10 is the last version supported for EVM (formerly Retina CS). Customers that upgrade to v7.0 will not be able to access vulnerability management features previously available. Read the full announcement.

Enhanced Automation: Distributed Smart Rule Processing

Recently the Smart Rules automation has been hampered by two issues: The first is that it runs as a 32-bit process, so the available memory is, by today's standards, relatively small. The second is that only a single management node can process Smart Rules, further limiting the capacity for Smart Rules with large numbers of objects and customers with large numbers of Smart Rules.

In version 7.0, the refit of the Smart Rules automation is complete by adding Distributed Smart Rule processing. This enables Smart Rule processing to be spread among available Worker Nodes using the new 64-bit Smart Rules engine. This enhancement will help customers with large numbers of systems and accounts that need processing along with those with many Smart Rules to process.

Platform Support: Internet Information Services (IIS) Application Pool

Customers want to manage credentials that are being used as the identity for IIS Application Pool execution. Currently there is no mechanism to update the credentials stored for IIS Application Pools. This is a propagation target, i.e., the account does not exist in the IIS Application Pool, it is merely used for the pool as it's execution context and for that it needs to authenticate as the account in question.

Password Safe 7.0 adds support for updating IIS Application Pools using accounts managed through the solution. This extends support on the Windows platform that already includes Service Accounts and Scheduled Task accounts.

Support for Kex Algorithms

Key exchange (Kex) algorithms are continually evolving, and, in their lifecycle, they reach the point of being obsolete. Recently, some of the Kex algorithms within Password Safe have been indicated as deprecated and approaching obsolescence. As such there is a need to update the Kex available to include more modern solutions with longer lifespans.

The SSH Key Exchange algorithms used by Password Safe have been updated to include ecdh-sha2-nistp256,ecdh-sha2-nistp384,ecdh-sha2-nistp521and diffie-hellman-group-exchange-sha256. This update ensures that many of the latest Kex algorithms are available for use across your environment.

RDP Multi-Monitor Support

Users opening sessions through Password Safe onto Windows systems want to take advantage of their local system having multiple monitors to give them more screen real estate.

Password Safe 7.0 now offers support for multiple monitors to be used through RDP sessions (for targets that support the capability). This opens up the possibility of having more screen real estate available while working on remote systems.

API – Single Account Aliases

Customers want to have the ability to create aliases for accounts that only applied to a single account. Using a single account alias enables account names to be abstracted where only a single account is in scope.

In version 7.0 customers are able to create Aliases for individual accounts through the API enabling the abstraction of the actual account name from the requested account name.
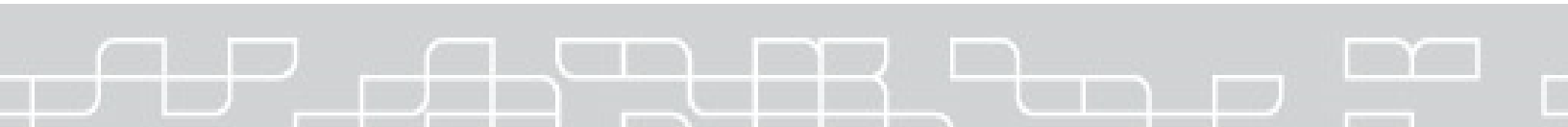
About BeyondTrust

BeyondTrust is the worldwide leader in Privileged Access Management (PAM), empowering organizations to secure and manage their entire universe of privileges. Our integrated products and platform offer the industry's most advanced PAM solution, enabling organizations to quickly shrink their attack surface across traditional, cloud and hybrid environments.

The BeyondTrust Universal Privilege Management approach secures and protects privileges across passwords, endpoints, and access, giving organizations the visibility and control they need to reduce risk, achieve compliance, and boost operational performance. Our products enable the right level of privileges for just the time needed, creating a frictionless experience for users that enhances productivity.

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 70 percent of the Fortune 500, and a global partner network. Learn more at www.beyondtrust.com.