BeyondTrust

Password Safe Blue Prism Integration

Integrate Blue Prism with Password Safe

Blue Prism is a global leader in intelligent enterprise automation, improving how employees work. Blue Prism helps organizations enhance operational efficiency by enabling users to automate tasks.

This guide covers how to use Password Safe as the central repository for just-in-time access to credentials in Blue Prism processes for automation.

Password Safe provides a secure, flexible, and scalable credential provider for Blue Prism. With the additional support for Secrets Safe, organizations can provide Blue Prism users with the flexibility they need, while aligning with best practices when it comes to the protection and governance of privileged accounts.

For more information on obtaining the integration, please see <u>Blue Prism Digital Exchange</u> at https://digitalexchange.blueprism.com/dx/entry/131112/solution/beyondtrust-password-safe---bring-your-own-credentials.

Create and Configure the Blue Prism Service Account

To configure a Blue Prism service account in Password Safe:

- 1. Create an API registration for Blue Prism.
- 2. Add IP rules to give the Blue Prism service account access to the Password Safe API interface.

arre		
lue Prism		
<u>v</u>	• 2	
Active O		
uthentication Rule Options		
Enforce multi-factor authentication		
Client certificate required 0		
User password required 💿		
Verify PSRUN signature		
authentication Rules (4)		
Q Search Authentication Rules		Add Authentication Rule 🚯
P Rules		
P Address: 206. By TapJ		i
Address: 38.		1
une		

2

3. Under **Configuration > User Management**, create a group for the service account, and assign the API registration to the group.

4. Create a user to add to the group. For example, svc_blueprism.

BeyondInsight Configuration Íði в GROUP: BLUE PRISM SERVICE ACCOUNT 82 Has <u>1 user</u> Active Group Details Details & Attributes < ÷ Blue Prism Service Account • Blue Prism Service Account Descr Туре Local Smart Groups (3) ٢ Users (1) ö ai **0**0 0 Configuration **BeyondInsight** GROUP: BLUE PRISM SERVICE ACCOUNT 503 < Group Details Users 0 Details & Attrib res (1) ı÷ Smart Groups (3) ٢ Users (1) API Registrations (1) ail 0

Note: Permissions are always assigned to a group in Password Safe.

5. To create an access policy, go to **Configuration > Privileged** Access Management Policies > Access Policies.



3

SALES: www.beyondtrust.com/contact SUPPORT: www.beyondtrust.com/support DOCUMENTATION: www.beyondtrust.com/docs

BeyondTrust

Password Safe User Requests

Configure the group with the **Requestor** role.

- 1. Add one or more managed account Smart Groups to the newly created group.
- 2. Add the Password Safe **Requestor** role and the access policy for Blue Prism.



- 3. Populate the Blue Prism inputs with the following:
 - Base URL
 - API key
 - Run As service account name
 - Managed System and Managed Account names, and Managed Account type.

Password Safe ISA (Info Sec Admin) Requests

Configure the Blue Prism group with the Password Safe ISA role.

1. For the group, add the **Information security administrator** role for one or more assets Smart Groups.



4

SALES: www.beyondtrust.com/contact SUPPORT: www.beyondtrust.com/support DOCUMENTATION: www.beyondtrust.com/docs

- 2. In Blue Prism, populate the following:
 - Base URL
 - API key
 - Run As service account name
 - Managed System
 - Managed Account name
 - · Managed Account type

	Their Octain accort Processo	is or business Objects					L	F.	
	🔀 👧 Credentials - Passwo	ord Safe - ISARequest							
Processes	Checkout Credentials from Passwo	rd Safe at numbine via 154Request							
Beyond Pust Test Web Senices REST									
Centrix Data Solutions - Create Order (Dram	pie 🔹 Process Studio - Edit - Creden	Process Studio - Edit - Credentiels - Password Safe - ISARequest							
Credentials - Password Safe - Requests	File Edit View Tools D	ebug Help							
	日の茶房のつつ	🚡 Zoom 100% · Q. Q. Segoe UI	+ 10	- B I U .					
B Default (Default)	▶ • S1 Q1 C1 C1 C1 (D Eres ► co (L = 1) + End Test								
	R Pointer Expression:				(二)	Store In:			
BeyondPrust Password Safe VBO	-D-Link Wain Page	1							
Utility - Collection Manipulation	-, Block								
S USINY - HTTP	Process			191					
	C. Page								
	Action	Credentals - Passiono Safe - (SARaques		*					
	Decision	Checkput Credentials from Password Safe at runtime via ISARequest							
	Choice	County of the second second second	brotherage	Password Safe / Success /					
	Calculation	104017 AM		- SR-Sen in					
	Multi Cale	105021 AM	spenanters	Beyond Turn Managed Accord	Vanagastictes				
	Deta Item		/ 24 /	BP:Get Mana / Httwicess/	S Bright				
	Collection	ABRENT / Managerstyres		-	1				
	Loop	heastanten fametingen	Read Sys	terrid & Read Accountid	Systemid	Accounts			
	Note			¥					
	 Anchor 		along and	Beyongthen and and					
	C End		Massage	Password Safe					
	Alert	Runda Managasheeny		+					
	Exception	domaininkéd	and a strend	NORTHER COLOURS					
	Recover		7.	Password Safe					
	Resume	(bueurs)		Ý					
		/haves		(IN)					
							_		
	¢								
							_		

Password Safe Secrets Safe Requests

Configure the Blue Prism group with the Secrets Safe (formerly, Team Passwords) role.

Note: When the Password Safe and Blue Prism integration was initially set up, the feature was called Team Passwords. The feature name has since changed to Secrets Safe. The screen captures in this guide show Team Passwords.

1. For the group, add the feature called *Secrets Safe*, with **Read only** permission.

- 2. Using the process example (shown in the screen capture), provide inputs for the following:
 - Base URL
 - API key
 - Run As service account name
 - Folder name
 - · Credential name



5

SALES: www.beyondtrust.com/contact SUPPORT: www.beyondtrust.com/support DOCUMENTATION: www.beyondtrust.com/docs

BeyondTrust

6

i

For more information about configuring Password Safe, please see:

- Configure API Registration at https://www.beyondtrust.com/docs/beyondinsight-password-safe/ps/admin/configureapi-registration.htm
- <u>Configure Role Based Access at https://www.beyondtrust.com/docs/beyondinsight-password-safe/ps/admin/role-based-access/index.htm</u>
- <u>Configure Password Safe Access Policies at https://www.beyondtrust.com/docs/beyondinsight-password-</u> safe/ps/admin/configure-access-policies.htm