



Blue Prism RunAs PSM Universal Connector

The Cyber-Ark Password Vault
Version 9.x

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General

The Blue Prism RunAs PSM Universal Connector allows to run a local application with the credential of the target account, domain or local and determine certain settings of how to run the process (described in the configuration section below).

The connector will use the domain\username account credentials to run the application. If there is no “Domain” property to the account, it will use the local ‘computername’ of the CPM server.

Installation

You will receive the Blue Prism RunAs PSM Universal Connector from your CyberArk representative. The following instructions show you how to install it.

Prerequisites

1. This Universal Connector requires AutoIt3 to be installed on the PSM machine.

Available here: <https://www.autoitscript.com/site/autoit/downloads/>

Installing the Blue Prism RunAs PSM Universal Connector

1. Copy the following files from the installation package to the specified subfolder of the **Privileged Session Manager** installation folder on the PSM machine:
 - In the ‘components’ folder :
 - PSMBLuePrismRunAsDispatcher.exe

Configuration

Create the Connection Component

1. In PVWA go to Administration → Options → Connection Components
2. Select the connection component named “PSM-VNCCClientSample”, right-click it and select copy
3. Right-click on “Connection Components” and paste
4. Rename the newly created component by setting “Id” to “PSM-BluePrismRunAs”
5. Under the new connection component :



- Go to “Target Settings” and modify the “ClientDispatcher” field by replacing “PSMRealVNCDDispatcher.au3” with “PSMBluePrismRunAsDispatcher.exe”
- Go to “Target Settings” → “Lock Application Window” and set “Enable” to “No”
- Go to “Target Settings” → “Client Specific” → Right click → Add Parameter
Add and set the following parameters (see Appendix A for suggested settings):

Parameter Name	Value/Description	Mandatory	Default
ConnectionName	Connection name used when launching BluePrism	Yes	None
Executable	Path to executable	Yes	None
DispatcherName	Description	No	Empty
WorkingDirectory	Path to working directory	No	System directory
Mode*	RunMode	No	2
Maximize	Yes/no	No	Yes

*Possible values for Mode are:

0 - Interactive logon with no profile.

1 - Interactive logon with profile.

2 - Network credentials only.

4 - Inherit the calling process's environment instead of the user's environment.

6. Click “OK” to save



Add the connection component to a platform

7. Go to Administration → Platform Management
8. Select the platform for which you would like to use this connector
9. Click “Edit”
10. Go to “UI & Workflows” →
 - Right click -> “Add Privileged Session Management” (it may be grayed out if the platform already has it configured)
 - If there is no “Connection Components” : Right click -> “Add Connection Components”
 - “Connection Components” → Add Connection Component
11. Rename newly created “Connection Component” to “PSM-BluePrismRunAs” . Replace “AppName” with the application you are going to run with this connector (update Id field)
12. Click “OK” to save
13. On the PSM server – restart the service “Cyber-Ark Privileged Session Manager” (or wait for several minutes)

Configure AppLocker

If your PSM server is hardened, you will need to make the following configurations in order for BluePrism executable to be excluded from the Applocker rules:

1. Open Powershell as Administrator from C:\Program Files (x86)\Cyberark\PSM\Hardening
2. Run notepad PSMConfigureAppLocker.xml
3. Towards the end of the PSMConfigureAppLocker.xml file, before the </AllowedApplications> tag, add the following lines:

```
<Application Name="BluePrism" Type="Exe" Path="Path to BluePrism" Method="Hash" />
```

4. In the same Powershell window run PSMConfigureAppLocker.ps1

