



TCPWave Web UI Plug-in for the Central Policy Manager

CyberArk Privileged Access Management
Version 12.x

Copyright © 1999-2024 CyberArk Software Ltd. All rights reserved.

This document contains information and ideas, which are proprietary to CyberArk Software Ltd. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning, or otherwise, without the prior written permission of CyberArk Software Ltd.

EPVEMC07-2-0-1



Changing Passwords on TCPWave Web UI

The Central Password Manager enables organizations to change passwords automatically on remote machines and store the new passwords in the Enterprise Password Vault, with no human intervention, according to the organizational policy. This plug-in supports the changing of passwords for users on the **TCPWave Web UI** using the HTTPS protocol.

Installation Requirements

This plug-in uses the management engine: **Web Application CPM Plugin Framework**

Please update the **Web Application CPM Plugin Framework** to the latest version when installing this plug-in.

1. Download the following from the CyberArk Marketplace:

[Credentials Management .NET SDK](#)

Note: This may require .NET Framework 4.8 installed onto the CPM Server.

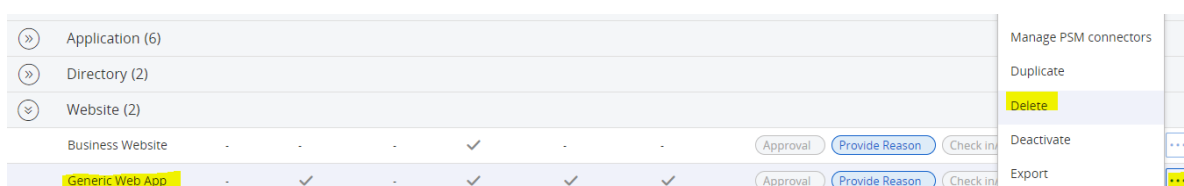
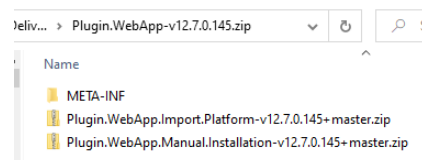
2. [Download the appropriate Chrome driver](#). This should match the version of Chrome installed on the CPM server. (Chrome > [chrome://version/](#))
3. Extract the above zip archives to a temporary folder and copy the files to:

C:\Program Files (x86)\CyberArk\Password Manager\bin

(or equivalent)

4. [Download the Web Application CPM Plugin Framework from the CyberArk Marketplace](#)

5. Extract the above archive to a temporary folder.
6. Log in to the PVWA Web UI with an administrative account.
7. Go to Administration > Platform Management.
8. **Delete** the existing Generic Web App Platform

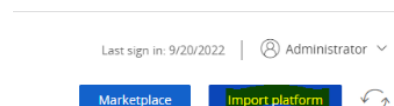


(As a backup, you can duplicate the original platform to a new name, and then delete the existing one)

9. Click **Import Platform**

10. Upload the WebApp **Import** zip file:

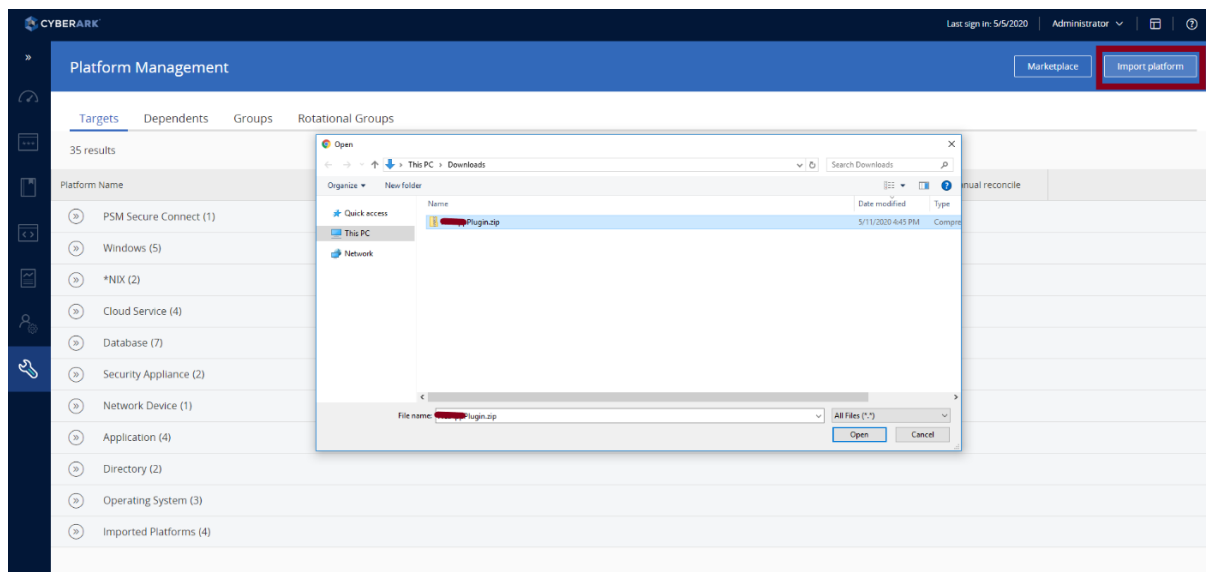
 **Plugin.WebApp.Import.Platform-v12.7.0.145+ master.zip**



Installing the TCPWave Web UI Plug-in

You will receive the TCPWaveWebUI plug-in zip archive from your CyberArk representative. The following instructions show you how to install it.

1. Log in to the PVWA with an administrative account.
2. Go to Administration > Platform Management.
3. Click Import Platform. Upload the TCPWave Web UIPlugin.zip file.



Platform Configuration

The following platform settings are given initial default values. Please log onto the PVWA to confirm they are correct.

Administration → Platform Management → TCPWave Web UI → Edit → Automatic Password Management → Additional Policy Settings → Parameters :

Parameter Name	URL
Description	The address used as the default URL for all action URLs. Can be overridden by setting the target account URL attribute. This value may include placeholders that are replaced at run-time. Example value: https://10.100.100.10:7443/tims
Acceptable Values	URL
Default Value	<CHANGEME>

Parameter Name	VerifyURL
Description	The address used during Verify Process. This value may include placeholders that are replaced at run-time.
Acceptable Values	URL
Default Value	{URL}

Parameter Name	ChangeURL
Description	The address used during Change Process. This value may include placeholders that are replaced at run-time.
Acceptable Values	URL
Default Value	{URL}

Parameter Name	ReconcileURL
Description	The address used during Reconcile Process. This value may include placeholders that are replaced at run-time.
Acceptable Values	URL
Default Value	{URL}



Parameter Name	Debug
Description	Set debug to Yes for more descriptive logs.
Acceptable Values	Yes, No
Default Value	No

Parameter Name	WebFormFieldsFile
Description	The name of the file that includes the logic of the actions.
Acceptable Values	File name. File extension must be '.ini'
Default Value	TCPWaveWebFormFields.ini

Parameter Name	RunVerifyAfterReconcile
Description	Indicates whether or not the Verify action will be run at the end of the Reconcile action.
Acceptable Values	Yes, No
Default Value	Yes
Parameter Name	RunVerifyAfterChange
Description	Indicates whether or not the Verify action will be run at the end of the Change action.
Acceptable Values	Yes, No
Default Value	Yes

Parameter Name	ActionTimeout
Description	Maximum number of seconds to wait for an action to complete.
Acceptable Values	Integer Value in Seconds
Default Value	5

Parameter Name	PageLoadTimeout
Description	Maximum number of seconds to wait for a page to load. Positive number
Acceptable Values	Integer Value in Seconds
Default Value	120



Parameter Name	Browser
Description	Target browser to use
Acceptable Values	chrome, edge
Default Value	chrome

Parameter Name	BrowserPath
Description	Full path of the browser application executable file
Acceptable Values	<path>
Default Value	C:\Program Files (x86)\Google\Chrome\Application\chrome.exe

Parameter Name	DriverFolder
Description	Full path of the browser driver executable file
Acceptable Values	<path>
Default Value	C:\Program Files (x86)\CyberArk\Password Manager\bin

Parameter Name	EnforceCertificateValidation
Description	Setting this property to yes will validate a proper certificate is used. Setting this property to no will cause the request to not require a valid certificate.
Acceptable Values	Yes, No
Default Value	Yes



Adding TCPWave Web UI Accounts

Adding Accounts through the Password Vault Web Access

- Create a new TCPWave Web UI account or use an existing one.
- Specify the required account properties:

Property Name	Username
Description	Target Username

Property Name	URL
Description	Required if {URL} used in VerifyPass or ChangePass and Platform Parameter URL is not set.

For more information about adding password objects in the Password Vault Web Access, refer to the online documentation [here](#).

General Notes

TCPWave Web UI plug-in supports the following:

- Password change
- Password verification

TCPWave Web UI plug-in does **not** support the following:

- Password reconciliation

