TCPWave (WebApp) PSM Universal Connector

The Cyber-Ark Password Vault Version 11.x

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Installation

You will receive the TCPWave Web UI Connection Component configuration XML file from your CyberArk representative. The following instructions show you how to install it.

Installing the TCPWave Web UI PSM Universal Connector

The following steps are performed on the **Privileged Session Manager (PSM) Server(s):**

1. Download the latest **Secure Web Application Connectors Framework** available from the CyberArk Marketplace.

Configuration

Configuration of the TCPWave Web UI connection component

Add a Connection Component via the Import.ps1 Powershell Script:

1. The script requires the use of the Vault *administrator* account.
2. The script requires the SSL certificate for the PVWA used is valid and trusted.
3. Extract the files from the TCPWavePSMConnector.zip into a temporary directory on the PSM Server.
4. From an elevated (administrator) PowerShell prompt run the following commands:

   CD ***<your temporary directory>***

   Import.ps1

   When prompted for “url” enter:

   https://<your pvwa FQDN address>

   When prompted for “type” enter:

   C

   When prompted for zip file path, enter:

   .\ ***CC-TCPWaveDispatcher.xml***

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Add a Connection Component via the PVConfiguration.xml file:

5. Log onto the PrivateArk Client with an ‘administrator’ account.
6. Under Tools > Admin Tools> Users and Groups> Locate the “PSMMaster” Group and add the current ‘administrator’ account as a member.
7. Open and step into the PVWAConfig safe.
8. Right click on *PVConfiguration.xml* and select *“Retrieve and Save As”*
9. Save the document to the desktop or another location of your choosing.
10. Make a backup copy of the original PVConfiguration.xml to another location (example: Desktop\Backups).
11. Edit the PVConfiguration.xml file in notepad.exe.
12. Search for ConnectionComponents. You will see numerous connection components that start with <ConnectionComponent Id=… > and end with </ConnectionComponent>.

    For reference, the below screen shot shows 3 Connection Components with Ids - SSH, RDP and Putty.

```
<ConnectionComponents>
  <ConnectionComponent Id="SSH" Type="CyberArk.TransparentConnection.SSH.SSHConnectionComponent, CyberArk.PasswordVault.TransparentConnection.SSH">
    <ComponentParameters>
      <Parameter Name="port" Value="22" />
    </ComponentParameters>
    <UserParameters />
  </ConnectionComponent>
  <ConnectionComponent Id="RDP" Type="CyberArk.PasswordVault.TransparentConnection.RDP.RDPConnectionComponent, CyberArk.PasswordVault.TransparentConnection.RDP">
    <ComponentParameters>
      <Parameter Name="port" Value="3389" />
    </ComponentParameters>
    <UserParameters>
      <Parameter Name="AllowMappingLocalDrives" Type="CyberArk.TransparentConnection.BooleanUserParameter, CyberArk.PasswordVault.TransparentConnection" Value="No" Visible="No" />
      <Parameter Name="AllowConnectToConsole" Type="CyberArk.TransparentConnection.BooleanUserParameter, CyberArk.PasswordVault.TransparentConnection" Value="No" Visible="No" />
      <Parameter Name="LogonDomain" Type="CyberArk.PasswordVault.TransparentConnection.RDP.LogonDomainUserParameter, CyberArk.PasswordVault.TransparentConnection.RDP" />
    </UserParameters>
  </ConnectionComponent>
  <ConnectionComponent Id="PuTTY" Type="CyberArk.PasswordVault.TransparentConnection.Generic.GenericConnectionComponent, CyberArk.PasswordVault.TransparentConnection.Generic">
    <ComponentParameters>
      <Parameter Name="ExePath" Value="%ProgramFiles%\PuTTY\putty.exe" />
      <Parameter Name="ConnectionScriptName" Value="PuTTY.js" />
      <Parameter Name="DisplayDebuggingMessage" Value="No" />
    </ComponentParameters>
  </ConnectionComponent>
```

13. Copy the contents of ***CC-TCPWaveDispatcher.xml*** file into the PVConfiguration.xml after the last instance of </ConnectionComponent> and before the </ConnectionComponent**s**>
14. Save PVConfiguration.xml.
15. Drag and drop PVConfiguration.xml back into the PVWAConfig safe.

Add the connection component to a platform

1. Go to Administration -> Platform Management
2. Select the platform for which you would like to use this connector
3. Click “Edit”
4. 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
5. Rename newly created “Connection Component” to “PSM-TCPWave” (update Id field)
6. If needed, a ‘ConnectAs’ file category can be added to the platform. For example, if the account is ‘sys’, the ‘ConnectAs’ could be ‘as sysdba’.
7. Click “OK” to save
8. On the PSM server – restart the service “Cyber-Ark Privileged Session Manager” (or wait for several minutes)

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