

IED Manager Suite CPM

Description

Manage Substation intelligent electronic device (IED) accounts and Distribution IED accounts, using the IED Manager Suite (IMS) enterprise application.

Vendor

This platform is designed for remote account management for the following target:

Vendor	Eaton
Product	IED Manager Suite
Product Category	ICS/IoT/OT
Product Versions	7.6R1

CyberArk

This platform works with the following CyberArk versions:

CyberArk Solution	Privileged Credentials Management
CyberArk Product	Central Policy Manager (CPM)
CyberArk Versions	9.8 or higher
Artifact Version	1.0
Out of the Box	NO
Out of the Box in versions	N/A

Support & Certification

Support Level	General
Developed by	Eaton
Certification Level	Certified
Connection Methods	WCF TCP

Actions

The following table lists the supported management actions for this platform:

Action	Supported	Permissions
Verify	YES	
Change	YES	
Reconcile	NO	
Delete	NO	

Linked Accounts

The following linked accounts are in use by the plugin.

Logon Account

Supported	YES
Required	NO
Platforms	Windows Domain Windows Server Local
Permissions	The Logon Account must have permission to access the IMS WCF service.

Reconcile Account

Supported	NO
Required	NO
Platforms	
Permissions	

Prerequisites

The following prerequisites are required on the machine that will run this connection component:

- Credentials Management .NET SDK

The following prerequisites are required on the IMS Server that this connection component will communicate with:

- Implement integration with AAM.
- Open a TCP port to allow access to IMS Password Manager through WCF. Refer to **IMS with CyberArk – Integration Guide** by Eaton for special instructions for allowing access for the connection component using the Logon Account.

Installation

Import Platform

Do the following to import the platform:

Step	How To																																				
Add missing file categories	Add the following file categories, if they do not already exist:																																				
	<table><tr><th>File Category Name</th><th>Type</th><th>Valid Value</th><th>Required</th></tr><tr><td>ResourceID</td><td>Numeric</td><td>> 0</td><td>Yes</td></tr><tr><td>UserProfileID</td><td>Numeric</td><td>> 0</td><td>Yes</td></tr><tr><td>IMSAddress</td><td>String</td><td></td><td>No</td></tr><tr><td>Region</td><td>String</td><td></td><td>No</td></tr><tr><td>Substation</td><td>String</td><td></td><td>No</td></tr><tr><td>DeviceName</td><td>String</td><td></td><td>No</td></tr><tr><td>Gateway</td><td>String</td><td></td><td>No</td></tr><tr><td>PassthroughName</td><td>String</td><td></td><td>No</td></tr></table>	File Category Name	Type	Valid Value	Required	ResourceID	Numeric	> 0	Yes	UserProfileID	Numeric	> 0	Yes	IMSAddress	String		No	Region	String		No	Substation	String		No	DeviceName	String		No	Gateway	String		No	PassthroughName	String		No
	File Category Name	Type	Valid Value	Required																																	
	ResourceID	Numeric	> 0	Yes																																	
	UserProfileID	Numeric	> 0	Yes																																	
	IMSAddress	String		No																																	
	Region	String		No																																	
	Substation	String		No																																	
	DeviceName	String		No																																	
	Gateway	String		No																																	
PassthroughName	String		No																																		

Import the platform	See Add new platform topic in the Online Help Center or in the Privileged Access Security Implementation Guide.
Duplicate the platform	Since IMS can manage many types of IEDs with each their own type of account, there might be many platforms required for IMS integration. Each platform will define its own password generation policy to fall in line with what the IED supports. See Add new platform topic in the Online Help Center or in the Privileged Access Security Implementation Guide. You can then map each new platform with its corresponding account type defined in IMS. For more information, refer to IMS with CyberArk – Integration Guide by Eaton.

Configuration

Platform Settings

Specify the following parameters at the platform level:

Parameter Name	Description	Acceptable Values	Default Value
IMSAddress	The address of the remote IMS Server machine where the Security Updater service is running.	Hostname or IPv4. Can also append port separated by colon (:)	localhost

Account Settings

Account Mandatory Parameters

Specify the following parameters on the account:

Parameter Name	Description	Acceptable Values
Username	The name of the user account or access level on the IED to whom this password belongs.	A valid username value
ResourceID	The unique identifier for the IED in the IMS system.	Numerical ID

UserProfileID	The identifier for the user account in the IMS system.	Numerical ID
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The IMS Password Manager Bridge can fill out all account parameters automatically. For more information, refer to **IMS with CyberArk – Integration Guide** by Eaton.