

RSA® ARCHER®
GRC Platform
Implementation Guide

**CyberArk Software RSA Archer CPM
Plug-in Component, v9.7 and above**

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Solution Summary

The CPM Plug-in manages RSA Archer privileged accounts using the RSA Archer API. The PSM Connection Component creates a secure session to the RSA Archer Website.

Partner Product Configuration

Before You Begin

This section provides instructions for configuring the CyberArk Software with the RSA Archer GRC Platform. This document is not intended to suggest optimum installations or configurations.

It is assumed that the reader has both working knowledge of all products involved, and the ability to perform the tasks outlined in this section. Administrators should have access to the product documentation for all products in order to install the required components.

All CyberArk Software components must be installed and working prior to the integration. Perform the necessary tests to confirm that this is true before proceeding.

!> Important: The integration described in this guide is being provided as a reference implementation for evaluation and testing purposes. It may or may not meet the needs and use cases for your organization. If additional customizations or enhancements are needed, it is recommended that customers contact RSA Professional Services for assistance.

CyberArk Software RSA Archer CPM Plug-in and PSM Connection Component Configuration

RSA Archer CPM Plug-in:

<https://cyberark-customers.force.com/mplace/s/#a352j000000d8usQAA-a392j000001Z3UJQA0>

Examples of the API requests needed to manage the Archer privileged accounts:

1. Retrieve Session Token

POST http://<address>/api/core/security/login HTTP/1.1
Accept-Encoding: gzip,deflate
Content-Type: application/json
Proxy-Connection: Keep-Alive
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

Body:

```
{  
  "InstanceName": "<instance name>",  
  "UserName": "<username>",  
  "UserDomain": "<domain>",  
  "Password": "<current password>"  
}
```

2. Lookup UserID

POST http://<address>/ws/accesscontrol.asmx HTTP/1.1
Content-Type: text/xml
SOAPAction: "http://archer-tech.com/webservices/LookupUserId"
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

Body:

```
<?xml version="1.0" encoding="utf-8"?>  
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"  
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"  
  xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">  
  <soap:Body>  
    <LookupUserId xmlns="http://archer-tech.com/webservices/">  
      <sessionToken>__SessionToken__</sessionToken>  
      <username>__Username__</username>  
    </LookupUserId>  
  </soap:Body>  
</soap:Envelope>
```

3. Change password using UserID captured in last request

POST http://<address>/ws/accesscontrol.asmx HTTP/1.1
Content-Type: text/xml
Proxy-Connection: Keep-Alive
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

Body:

```
<?xml version="1.0" encoding="utf-8"?>  
<soap:Envelope xmlns:xsi="http://www.w3.org/2001/XMLSchemainstance"  
  xmlns:xsd="http://www.w3.org/2001/XMLSchema"
```

```
xmlns:soap="http://schemas.xmlsoap.org/soap/envelope/">
<soap:Body>
<ChangePassword xmlns="http://archer-tech.com/webservices/">
<sessionToken>__SessionToken__</sessionToken>
<userId>__UserID__</userId>
<password>__NewPassword__</password>
</ChangePassword>
</soap:Body>
</soap:Envelope>
```

4. Logout request

POST http://<address>/api/core/security/logout HTTP/1.1
Content-Type: application/json
Authorization: Archer session-id="<SessionToken>"
Proxy-Connection: Keep-Alive
User-Agent: Apache-HttpClient/4.1.1 (java 1.5)

Body:

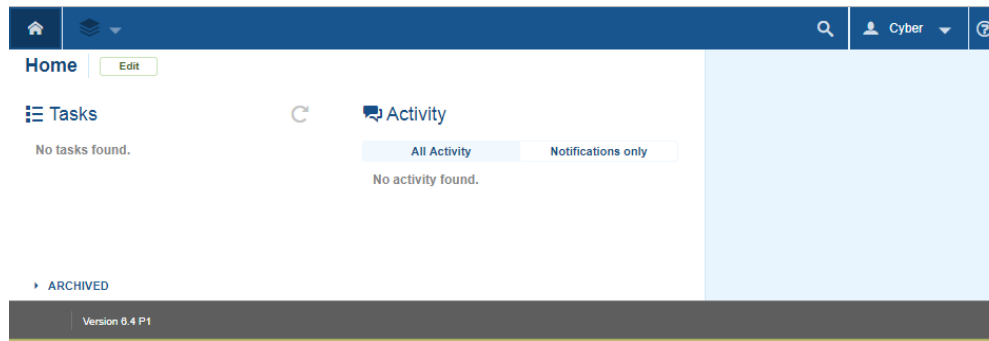
```
{
  "Value": "<SessionToken>"
}
```

RSA Archer PSM Connector:

<https://cyberark-customers.force.com/mplace/s/#a352J000000d8yLQAQ-a392J000001Z3VqQAK>

Screenshots of the login page and dashboard once logged into the RSA Archer web interface:





RSA Archer GRC Configuration

RSA Archer GRC Configuration

1. Access to the RSA Archer API from CyberArk's CPM machine.
2. Access to the RSA Archer web interface from CyberArk's PSM machine.

Certification Environment for RSA Archer GRC

Date Tested: April 10, 2019

Certification Environment		
Product Name	Version Information	Operating System
RSA Archer GRC	6.4	Virtual Appliance
CyberArk Software CPM Plug-in	9.7 and above	