UP-SSO 2018—PRODUCT OVERVIEW

Enterprise Application Security

Multifactor Authentication

Simplified User/Access Management

Simplified SSO Integration

UP-SSO 2018 Unique Performance Single Sign-On

INTRODUCTION

UP-SSO 2018 Unique Performance Single Sign-on

UP-SSO (Unique Performance Single Sign-on) is an identity provider application which includes support for two-factor authentication modes such as E-Mail and SMS.

This product adds an extra layer of security to your sensitive enterprise web applications also making sure the right people have access

INTEGRATION WITH ENTERPRISE APPLICATIONS

UP-SSO seamlessly integrates with most standard enterprise applications such as CyberArk, Salesforce, SugarCRM, Mautic CRM and many more.

This product achieves this by supporting SAML protocol. As of today, SAML is the single most common protocol supported by most of the commercial & open source software vendors.

TWO-FACTOR AUTHENTICATION

UP-SSO supports the following modes of 2 factor authentication.

E_MAIL AUTHENTICATION

UP-SSO can verify the user by sending EMail OTP (One Time Password). The mail server configuration can be easily configured via an UI interface.

SMS AUTHENTICATION

UP-SSO can verify the user by sending SMS. This will be helpful in secure environments like banking systems where the use of smartphones is restricted.

NEED FOR MULTI-FACTOR AUTH

- Most of the security standards today mandate the use of multi-factor authentication. For example, As per Payment Card Industry (PCI) Data Security Standard version 3.2 The use of multi-factor authentication is required for all administrative access to the CDE, even if the user is within a trusted network.

EASY SSO INTEGRATION

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COMBINATION OF AUTHENTICATION MODES

With UP-SSO it's also possible that we can combine EMail & SMS authentication methods for increased security. Here, the user needs to verify the 2 different OTP's received by EMail & SMS.

ROLES OF UP-SSO SYSTEM

UP-SSO provides the following 2 roles:

ADMINISTRATOR

A user with administrator access can,

- Manage users

- Manage Applications

- Manage User Groups

- Assign user or group to applications

- Configure 2-Factor authentication modes for user/group

- Monitor user activity.

USER

This role denotes the end user. End users can access the applications he is permitted by verifying his identity using 2-Factor authentication methods.

TRACKING USER ACTIVITY

UP-SSO will track user activity such as when, which user, what application is accessed. This information can be useful for auditing and statistics requirements.

TWO FACTOR AUTHENTICATION

SYSTEM REQUIREMENT

- Ubuntu 16.04 Server with 2GB RAM 15GB HDD

- Apache 2, MySQL 14.4, PHP 7.2.7

- Access to SMS API & Mail Server

EASY SSO INTEGRATION

- UP-SSO seamlessly integrates with most standard enterprise applications such as CyberArk, Salesforce, SugarCRM, Mautic CRM and many more.

LDAP INTEGRATION

UP-SSO provides adapters that can sync user information between LDAP and UP-SSO databases.
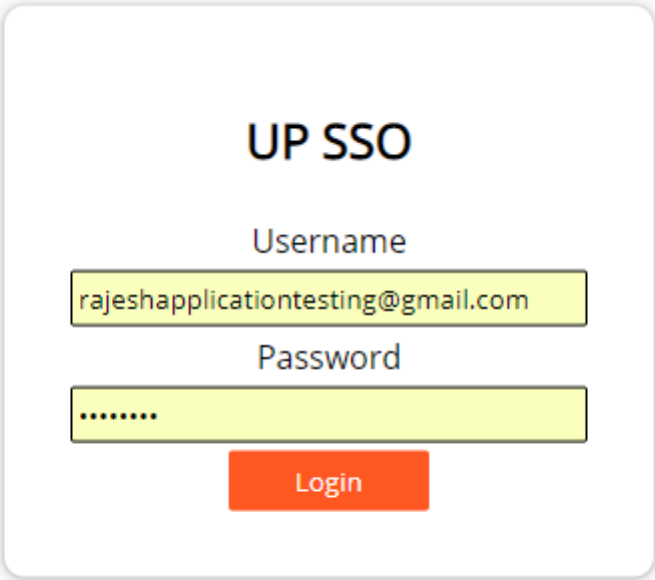
MOBILE BROWSER COMPATIBILITY

UP-SSO UI interface is completely adaptable to mobile browsers which enable users to access connect to their applications via mobile devices.

QUICK DEMO

The following screen shots demonstrate how an end user can be able to log into the Cyberark PVWA console via UP-SSO application by Email OTP verification.

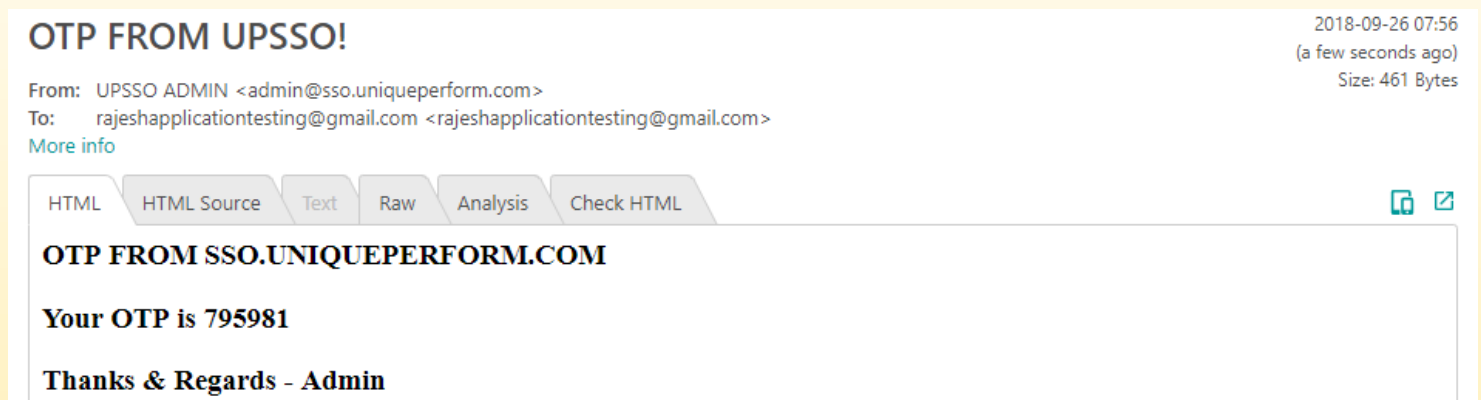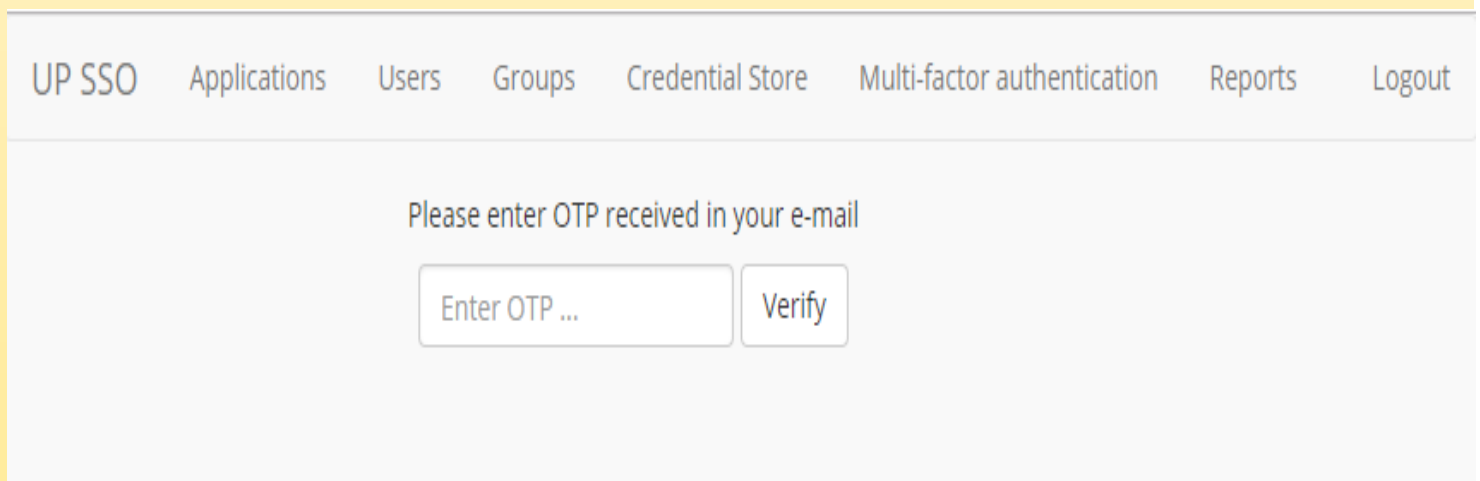## 1) User logs into UP-SSO console,

2) User can see the applications he is assigned to, he will click on the application he wanted to login (Cyberark in our example)

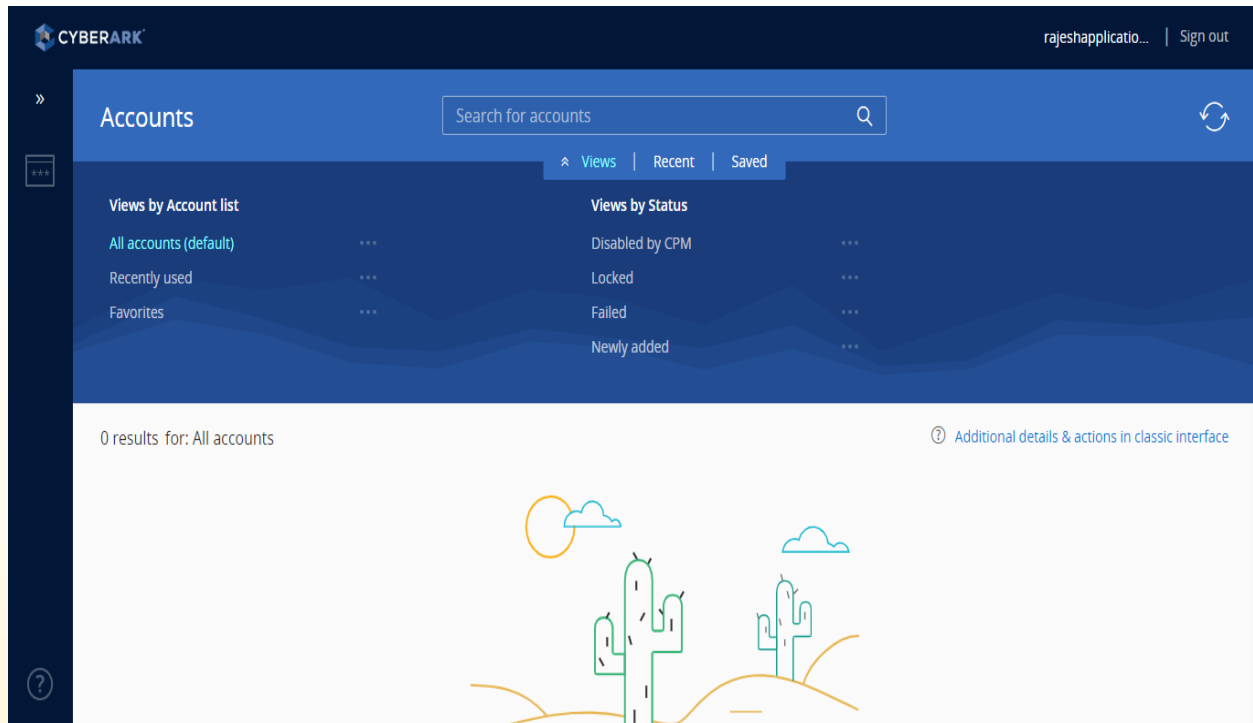| UP SSO	Applications	Users	Groups	Credential Store	Multi-factor authentication	Reports	Logout

SUGAR CRM   CYBERARK   SALESFORCE   MAUTIC CRM
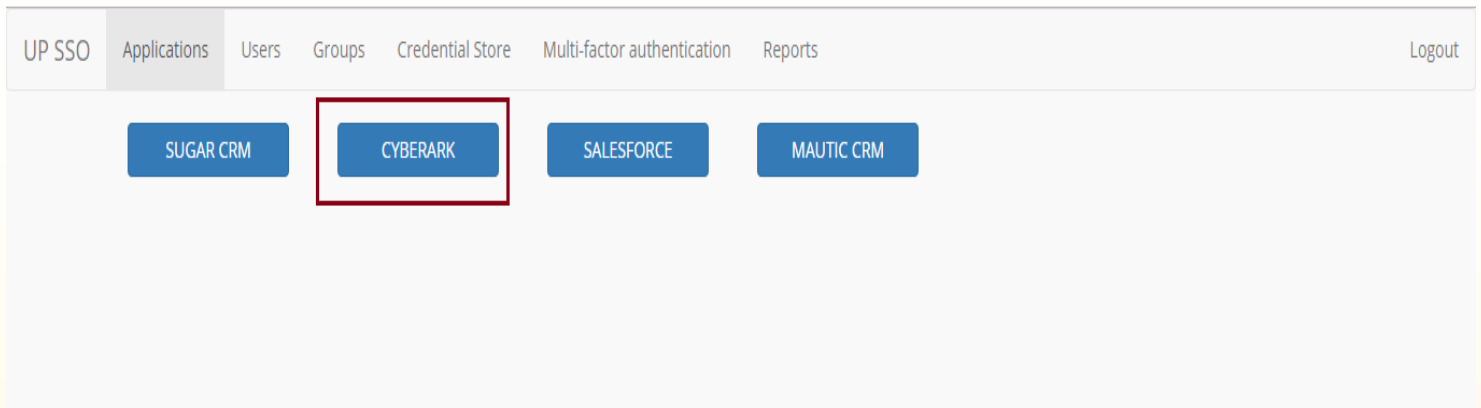
3) System will send OTP via EMail or SMS (EMail in our example)

OTP FROM UPSSO!

2018-09-26 07:56
(a few seconds ago)
Size: 461 Bytes

From: UPSSO ADMIN <admin@sso.uniqueperform.com>
To: rajeshapplicationtesting@gmail.com <rajeshapplicationtesting@gmail.com>
More info

HTML	HTML Source	Text	Raw	Analysis	Check HTML

OTP FROM SSO.UNIQUEPERFORM.COM

Your OTP is 795981

Thanks & Regards - Admin

4) User will enter the OTP received

UP SSO	Applications	Users	Groups	Credential Store	Multi-factor authentication	Reports	Logout

Please enter OTP received in your e-mail
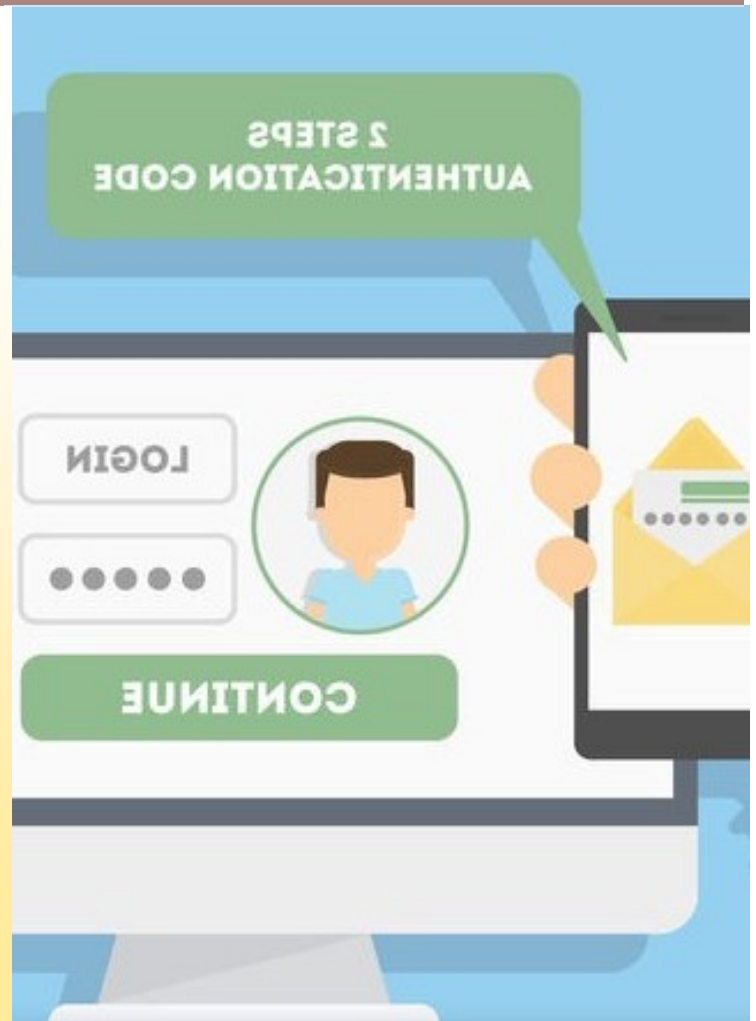
Enter OTP ...   Verify

5) If OTP verification is successful, the user will be redirected to the

UP-SSO 2018 PRODUCT HIGHLIGHTS

- Easy SSO integration with major enterprise applications

- Support for multi-factor authentication

- E-Mail OTP Authentication

- SMS OTP Authentication

- LDAP Integration

- Simplified User/Access Management

- Mobile Compatible

UP-SSO 2018 UNIQUE PERFORMANCE SINGLE SIGN-ON

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