

# IBM® Security Access Manager for Enterprise Single Sign-On

(Versions 8.0.1, 8.1 and 8.2)



Cook Book for Firefox Browser AccessProfile  
Windows Components Profile Bundle



**Edition notice**

**Note:** This edition applies to Windows Components Profile version 1.2 for IBM Tivoli Access Manager for Enterprise Single Sign-On, versions 8.0.1 and 8.1, to IBM Security Access Manager for Enterprise Single Sign-On version 8.2, and to all subsequent releases and modifications until otherwise indicated in new editions.

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## Preface

Welcome to the Cookbook for *Firefox Browser AccessProfile*.

This cookbook provides an overview of the Firefox Browser AccessProfile. Topics covered include features, supported workflows, caveats and limitations.

**Note:** IBM Security Access Manager for Enterprise Single Sign-On was formerly known as IBM Tivoli Access Manager for Enterprise Single Sign-On. When this document refers to IBM Security Access Manager for Enterprise Single Sign-On, the statement also includes IBM Tivoli Access Manager for Enterprise Single Sign-On, versions 8.0.1 and 8.1.

## AccessProfile Features and Purpose

The Firefox Browser AccessProfile is designed to allow IBM Security Access Manager for Enterprise Single Sign-On (ISAM E-SSO) users to Single Sign-On into the Mozilla Firefox browser HTTP basic authentication prompt.

Some features of the Firefox Browser AccessProfile are :

- Support for Firefox browser version 3.x.
- Capture of HTTP basic authentication credentials with AA capture dialog.
- Automatic single sign-on using the captured credentials.
- Supports all the languages listed in release notes.

The authentication service id is the domain derived from the URL. For example, for a webpage with URL <http://www.ibm.com/xyz>, the authentication service id is [www.ibm.com](http://www.ibm.com). Credentials captured with the Mozilla Firefox Browser AccessProfile can also be used for Internet Explorer Single Sign-On.

## AccessProfile Name, Authentication Service Id, Data Template

Table 1: Profile Names, Authentication Service IDs and Data Templates

Profile Name (in AS)	Authentication Service	Data Template
sso_site_wnd_firefox	Indirect (URL)	adt_ciuser_cspwd

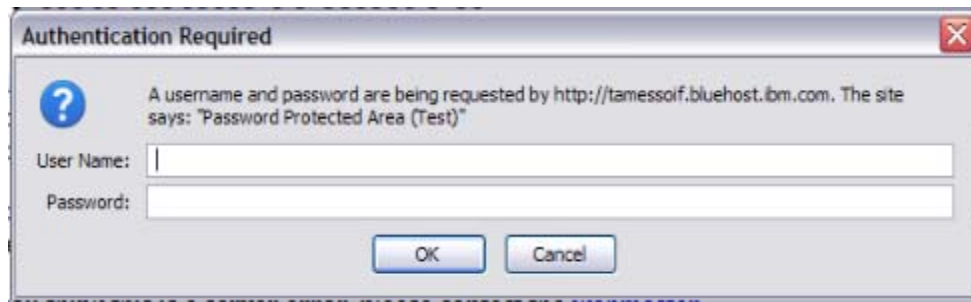
Table 2: Data Template Mapping

Data Template Item	Data Template Item Description	Application Field Name
ciuser	Case insensitive username	User Name
cspwd	Case sensitive password	Password

## Supported Single Sign-On Workflows

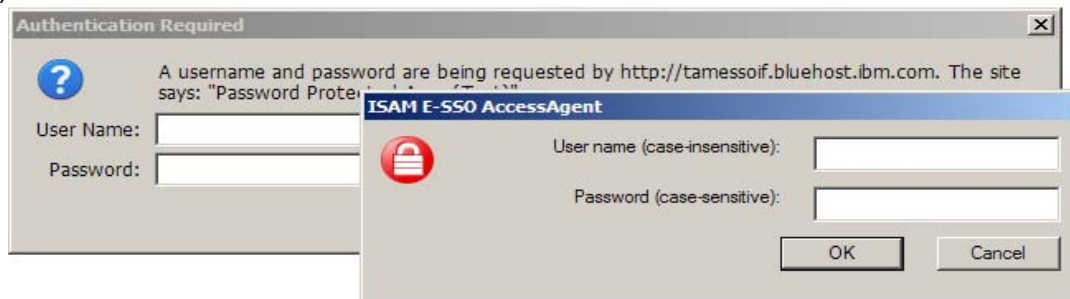
### Logon

When a user accesses a HTTP website which requires authentication with Firefox browser, the following authentication dialog box is shown. (Figure 1)



**Figure 1: Firefox HTTP basic authentication prompt**

Since this authentication dialog box is owner drawn, AccessAgent cannot capture what is entered in the username and password fields. Hence, an AccessAgent capture dialog box is shown instead. (Figure 2)



**Figure 2: AccessAgent capture dialog**

Figure 3 illustrates the workflow in the AccessProfile.

When a Mozilla dialog box is detected, a VBScript is run to determine whether the dialog box is an authentication dialog box. The VBScript uses the Microsoft IAccessibility API to evaluate the Mozilla Firefox dialog box.

The evaluation is based on two facts:

- (1) There are two text fields in the dialog box, that is one username field and one password field
- (2) The dialog box authentication text label includes token “**http**” or “**https**”.

The AccessProfile distinguishes the authentication dialog box from other Mozilla Firefox dialog boxes with these two criteria.

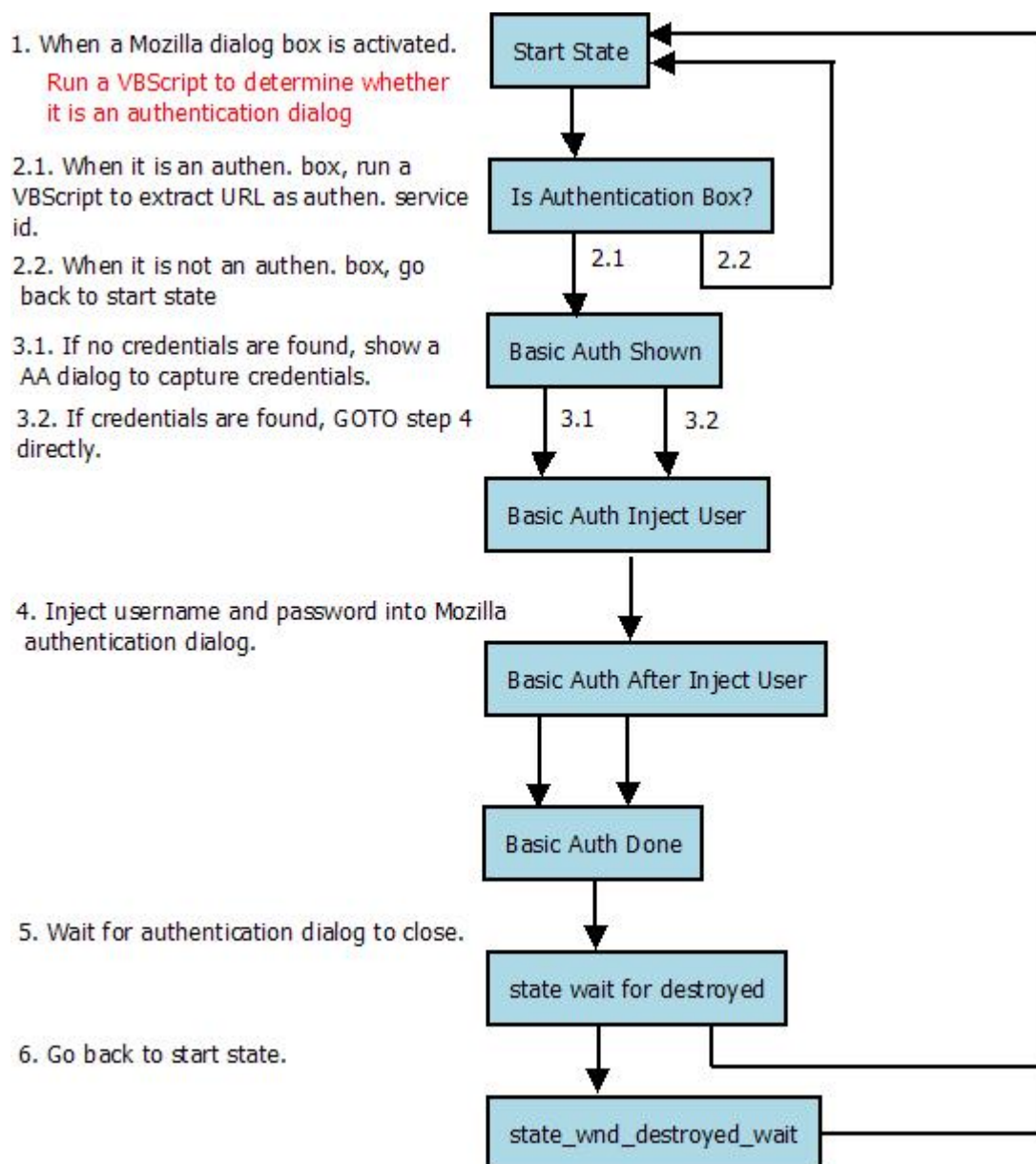


Figure 3: Workflow chart of Firefox AccessProfile

## Caveats and Limitations

### ***a. Cannot Save Different Credentials For a Same Site***

For a website, the AccessProfile determines whether to inject based on the availability of credentials. If there is an account saved in the Wallet, ISAM ESSO will not capture additional accounts for the same website.

As an alternative, users can add additional credentials manually after the initial credentials have been saved.

To save different credentials manually:

1. On the Windows task bar, right-click the ISAM ESSO AccessAgent icon in the Windows notification area.
2. Select **Manage wallet**. The *Wallet Manager panel is displayed*.
3. Click the target authentication service to highlight it. In Figure 4, the name of the example authentication service is “*tamessoif.bluehost.ibm.com*”.
4. Right-click and select **New**. The *Add New User dialog box is displayed*.
5. Enter the credential for this authentication service.
6. Click **OK**.
7. Close **Wallet Manager**.

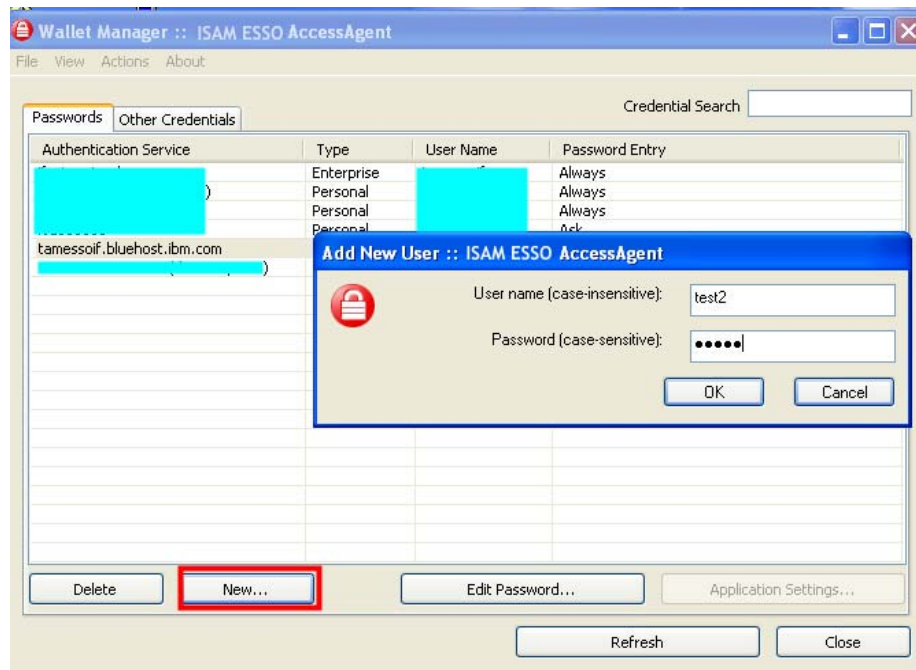


Figure 4: Add credential for a new user

### ***b. Only Basic HTTP/HTTPS Prompt Supported***

If the web page uses NTLM authentication, the logon prompt may look similar to Figure 1. However, web pages that use NTLM authentication are not supported.

### ***c. Logon Looping Issue***

If the saved credential is incorrect and the injection policy is set to **Auto Logon**, AccessAgent will repeatedly inject the incorrect credentials. To resolve this, change the injection policy to **Always** or **Ask**.

### ***d. New Password Are Not Saved***

If initial credentials have been saved, AccessAgent will not automatically save a new password.

User can manually change the password. After opening the **Wallet Manager** panel, highlight the target credential, click **Edit Password** and then enter the new password.



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