Set up SSO between Azure AD and Oracle Identity Cloud Service for PeopleSoft
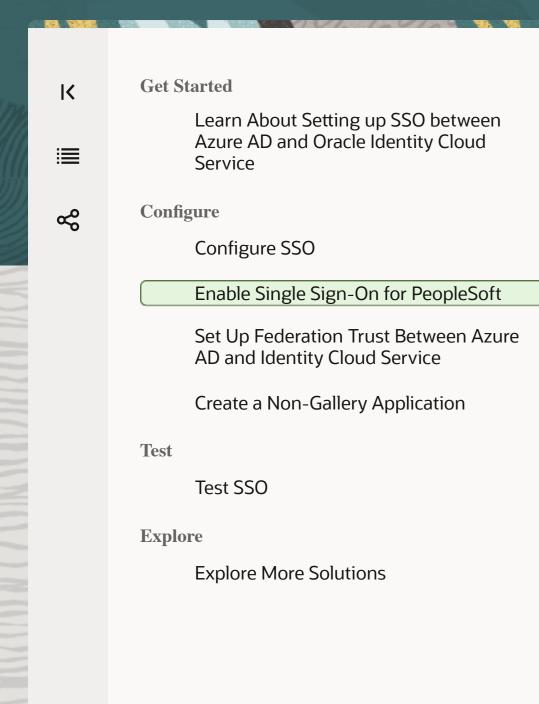
Technologies	Service Categories	Released
IAM	Multicloud, Networking	Jan 10, 2020

Enable Single Sign-On for PeopleSoft

To implement single sign-on in Oracle's PeopleSoft, you need to create a user profile, change the PeopleCode function, and enable it as a single sign-on.

Create a User Profile

In the Oracle's PeopleSoft application, you create a new user profile and associate a low security role such as PeopleSoft User.

1. As the administrator, sign in to a PeopleSoft module.
2. In the right menu, select **PeopleTools,** select **Security,** select **User Profiles,** and then click **Add a New Value.**
3. In the **User ID** field, enter `IDCSPSFT` (in all uppercase), and then click **Add.**
4. On the **User Profiles** page, click the **General** tab, and perform the following actions:
   a. Enter and confirm your new password.
   b. Select `SYSADM1` for the **Symbolic ID.**
5. Click the **ID** tab, and select `None` in the **ID Type** field.
6. Click the **Roles** tab, and enter `PeopleSoft User` as the role name in the **User Roles** section.
7. Click **Save.**

Modify the Web Profile

You can modify the property settings of any web profile by using Oracle's PeopleSoft Web Profile Configuration component, which includes the portal security page. You can use the component to configure PeopleSoft to allow public access.

1. As the administrator, sign in to a PeopleSoft module.
2. In the right menu, select **PeopleTools,** select **Web Profile,** and then click **Web Profile Configuration.**
3. On the **Web Profile Configuration** page, click **Search** and then click the corresponding web profile for your PeopleSoft environment.
4. On the **Web Profile Configuration** page, click the **Security** tab.
5. In the **Security** tab, click **Allow Public Access,** select `IDCSPSFT` for the **User ID,** and provide the same password that you used when you created the user profile.
6. Click **Save.**

Change the PeopleCode Function

Modify the default user ID with the user ID that you defined in the `getWWWAuthConfig()` function of the web profile.

1. In Oracle's PeopleSoft Application Designer, open the **FUNCLIB_LDAP** record.
2. Right-click the **LDAPAUTH** field and select **View PeopleCode.**
3. In the `getWWWAuthConfig()` function, replace the value that is assigned to the `&defaultUserId` with `IDCSPSFT`, and then save the function definition.

```
[
Function getWWWAuthConfig()
        &defaultUserId = "IDCSPSFT";
End-Function
]
```
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4. Search and edit the `OAMSSO_AUTHENTICATION()` function, change the header value from `OAM_REMOTE_USER` to `PSUSER`, and then save the function definition.

Enable the Signon PeopleCode

Use the **Signon PeopleCode** page to enable the `OAMSSO_AUTHENTICATION` function, which is the Signon PeopleCode for Oracle Access Manager single sign-on.

1. As the administrator, sign in to a PeopleSoft module.
2. In the right menu, select **PeopleTools,** select **Security,** select **Security Objects,** and then select **Signon PeopleCode.**
3. On the **Signon PeopleCode** page, enable the `OAMSSO_AUTHENTICATION` function, and click **Save.**

Modify the Oracle WebLogic Server Configuration

Oracle WebLogic Server users must disable basic authentication.

1. Access the Oracle WebLogic Server and edit the `config.xml` file, located in the `<PIA_HOME>\webserv\peoplesoft\config` folder.
2. Add the `<enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>` element to the `<security-configuration>` element.

   Your code should look like this:

```
[
<security-configuration xmlns:xacml="http://www.bea.com/ns/weblogic/90/security/xacml">
        <name>peoplesoft</name>
        <realm>myrealm</realm>
        .......
        <credential-encrypted>{3DES}dOa1fqoTbX1GUq7RQPhDNDgkWkIZhzWVlEXkmSMbt9Uuf1Ff?VZIrJC</credential-encrypted>
        <enforce-valid-basic-auth-credentials>false</enforce-valid-basic-auth-credentials>
</security-configuration>
]
```
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3. Restart Oracle WebLogic Server.

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