

DBSync Password Visibility Issue

Issue:

The password in the DBSync section is visible to all in the user's layout.

Solution

Under setup navigate to users as shown below.

Under users' open the system administrator profile(shown below).

A screenshot of a user profile page for a system administrator. The page shows various fields for user information, and the password field is visible, indicating a security issue.

As we can regard, the password field is visible in the user's layout (see below).

A screenshot of a user's layout page. The password field is visible, showing the characters instead of being masked, which is a security vulnerability.

So, in order to mask this let's the go-ahead to create a new custom field with data type being "Text (Encrypted)" layout (Please see below).

A screenshot of a custom field configuration page. The 'Text (Encrypted)' data type is selected, which will mask the password field.

Text (Encrypted) field masks all the characters present.

A screenshot of a user's layout page after the custom field has been applied. The password field is now masked, showing only the first few characters followed by dots, which resolves the security issue.

Now, we did create a custom field DBSync_Password which holds masked characters.

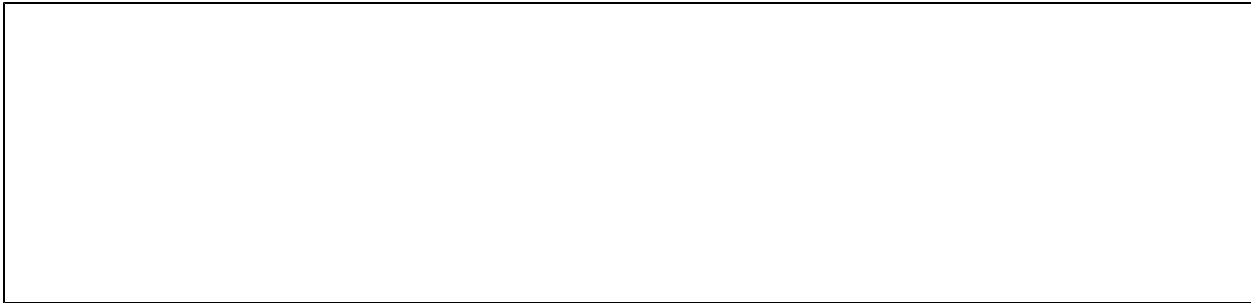


Further, we will navigate to Buttons, Links, and Actions under opportunity object and create a new Button.



Copy the entire code of the existing button of the DBSync package and paste it in the newly created button and only replace this newly created password field's API Name in the code and save it.

Note: The entire code remains the same except for the Password field's API Name while creating a new button(Please refer the below image)



Further, insert the new button into the opportunity layout and Hence, we are set to use this button further for syncing.



And now we are good to remove the old password field from the user's layout and retain the new password field with masked characters, so that none of them will be able to see the password present in the user's layout.