AD Password Change Web Part

## **Documentation**

# Introduction

AD (Active Directory) Password Change Web Part allows the users to change their own passwords in a SharePoint portal site without site administrator intervention.

# Purpose

SharePoint allows you to use AD users created on the SharePoint server to manage access authorization; however it does not provide a method for users to change their Active Directory user account password.

# Features:

* Allows AD users to change their password, using a standard text box interface (i.e., old password, new password, and confirm new password).
* Warns the user if the password change failed and/or does not meet company security policy for AD.

# Description

When a user accesses a page where the AD Password Change Web Part is configured (refer next section to configure), the Web Part automatically detects the users' user name and domain and displays it in the Username field. The user then enters their old password, the new password and a confirmation of the new password and then clicks Submit. If the current password is incorrect or the new password does not meet the password policy criteria in place at your site, the user receives an error message. The Web Part verifies the new password and then submits the change and displays the message.



# How to Install?

Please follow the steps given below to install your downloaded AD Change Password web part.

**Step:** **1**  Copy the WSP file to your SharePoint server

**Step:** **2** Open SharePoint 2010 Management Shell

**Step:** **3**  Type the following

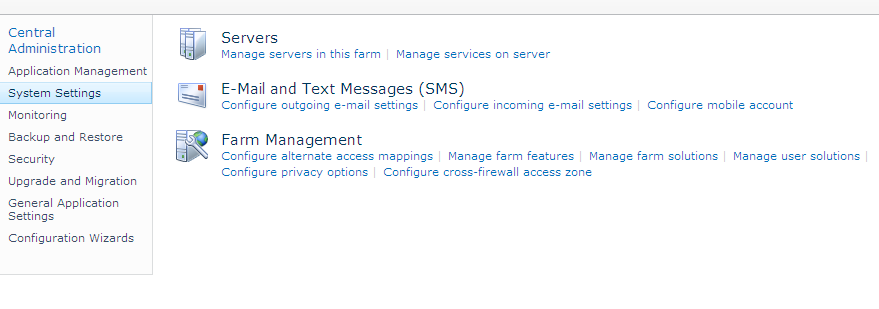
Add-SPSolution "C:\<dir>\changepassword.wsp"

<dir> is the folder or subfolder where you copied the wsp

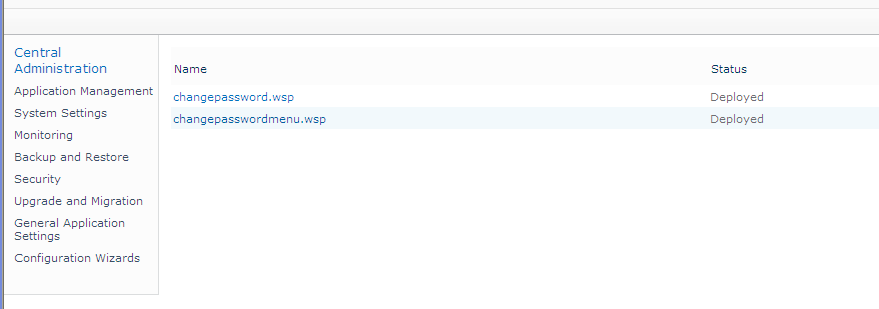
**Step: 4** Type the following:

install-SPSolution -Identity changepassword.wsp -webapplication http://<sharepointServer>  –GACDeployment

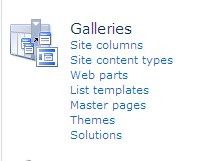
             <sharepointServer> is the URL to your SharePoint server



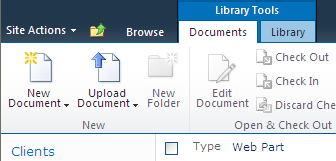
**Step: 5** Open **Central Administrator** and check to see if the solution deployed properly by clicking on **System Settings | Manage Farm Solutions**



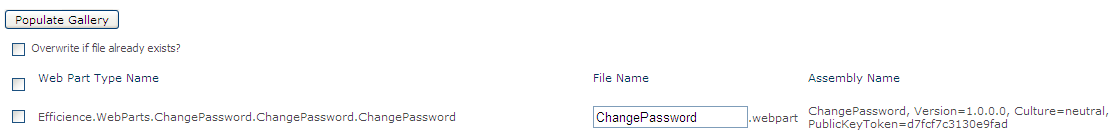
**Step: 6** Now to use the web part on a SharePoint page, you will need to add the web part to the site collection where you want to use it. Open the site and choose **Site Actions** cid:image003.png@01CBE3A3.625FA1C0 and then Site Settings. Under **Galleries**, you should see **Web parts**.



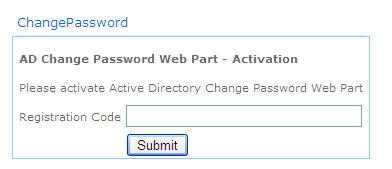
**Step: 7** Click on **Web parts.** On the web part page, choose **Library Tools** | **Documents.** When the page refreshes, click on **New Document** | **New.**



**Step: 8** Find the web part in the list and click on the check box next to **ChangePassword** and then click **Populate Gallery.**



Congratulations, the Change Password web part is ready to drag and drop on to a SharePoint web part page.



At this point you will need to look in your email for the registration code. This can be cut and paste into the field. This is required **once** only.

After the registration code is validated, you will see the following screen of AD Change Password Web part.



# Configuring AD Password Change Web Part

This section explains how to configure the AD Password Change Web Part. After the AD Password Change has been installed and activated, it is available in the Web Part Gallery. Users with the Designer or Full Control permission levels can add the Web Part to website pages.

After adding this web part, you must configure these items before AD Password Change can be functional on your SharePoint page. To do this:

1. Click the **Edit** down-arrow at the top-right corner of the web part



1. Click **Edit Web Part.** This opens a pane to the right of the Page Content area.



1. Modify the required fields. The key features that must be set before Change Password will work properly are the following:

The following are the custom properties for AD Password change web part. It also shows what properties are mandatory to test the connection and apply the settings to the web part.

|  |  |  |  |
| --- | --- | --- | --- |
| Custom Properties | Explanation | Test Connection | Apply Settings |
| **LDAP Address** | Lightweight Directory Access Protocol (LDAP) is the protocol to access Active Directory of the server. This field represents the LDAP server name of which the active directory can be accessed to authenticate and change the password of AD users. (Example: myserver.domain.com) | Mandatory | Mandatory |
| **Service Account Username** | This field represents the AD user name to test the authentication process with the LDAP server address given. | Mandatory | Not Mandatory |
| **Service Account Password** | This field represents the AD password to test the authentication process with LDAP server address given. | Mandatory | Not Mandatory |

**LDAP Address:** It cannot be blank for both testing the connection and applying the LDAP settings to the AD Password Change Web part.

You can authenticate and test the LDAP settings with this tool part by clicking **Test Connection** button providing all the three custom properties. It will authenticate the username and password against the AD of the LDAP server name given and displays the result whether it is success or failed.

1. Click **OK** at the bottom of the Tool Part**.** It saves the LDAP setting given here.
2. You may need to refresh your browser page to see your modifications where you included the AD Password Change Web part.