Remote Access Web Part

## **Documentation**

http://www.sharepoint-applications.biz/rlidMarketplaceLogo.jpg

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# Introduction

The Remote Access Web Part has been developed to allow users to establish a Remote Desktop connection on web part page in SharePoint. It allows the user to connect to Remote Desktop without the need to give the Remote Server details every time. It stores the Remote Desktop configuration in the web part which makes the user easily navigate to remote desktop in a single click.

# Purpose

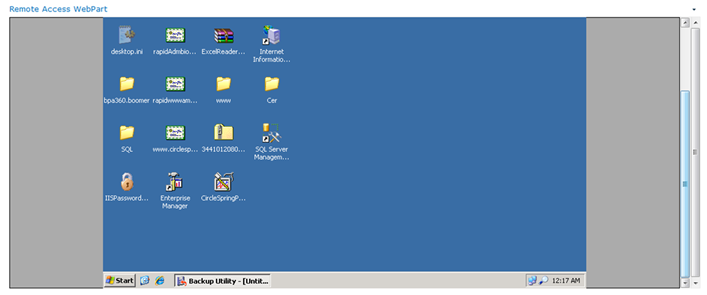
Sharepoint does not support establishing connection to a remote machine. For this reason, the Remote Access Web Part was developed.

# Features:

* Establishes a connection to a remote machine
* No need to enter Remote machine details every time to connect it.

# Description

When a user accesses a page where the Remote Access Web Part is configured (refer next section to configure), the Web part establishes the connection to the Remote machine and its screen is embedded in the page where this web part is added.



# How to Install?

Please follow the steps given below to install your downloaded Remote Access web part.

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

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

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

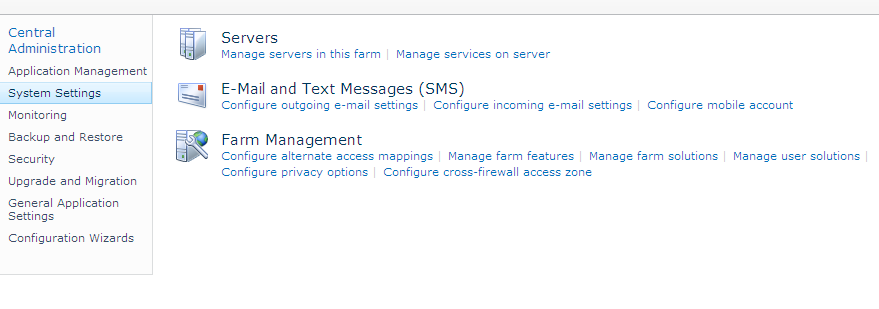
Add-SPSolution "C:\<dir>\*Efficience.WebParts.RemoteAccess.wsp*"

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

**Step: 4** Type the following:

install-SPSolution -Identity *Efficience.WebParts.RemoteAccess*.wsp -webapplication http://<sharepointServer>  –GACDeployment

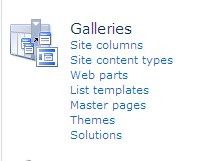
             <sharepointServer> is the URL to your SharePoint server



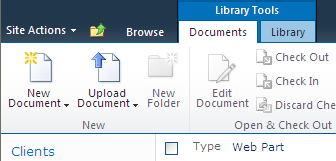
**Step: 5** Open **Central Administrator** and check to see if the solution deployed properly by clicking on **System Settings | Manage Farm Solutions**



**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 **Efficience.WebParts.RemoteAccess.RemoteAccessWebPart.RemoteAccessWebPart** and then click **Populate Gallery.**

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

# Configuring Remote Access Web Part

This section explains how to configure the Remote Access Web Part. After the Remote Access web part has been installed, 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 Remote Access web part 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 Remote Access web part will work properly are the following:

The following are the custom properties for Remote Access web part. It also shows what properties are mandatory to apply the settings to the web part.

|  |  |  |
| --- | --- | --- |
| Custom Properties | Explanation | Apply Settings |
| **Server** | It specifies the name of the Remote machine to establish a connection. | Mandatory |
| **Username** | It specifies the username to authenticate and establish a connection to the Remote Machine. | Mandatory |
| **Password** | It specifies the password to authenticate and establish a connection to the Remote Machine. |  |
| **Domain** | It specifies the name of the domain of which the remote machine is in. |  |
| **Program** | It specifies the executable name of the program to open on connecting to the remote machine. | Mandatory |
| **Display Width** | It specifies the relative width of the session viewer of the Remote Desktop connection. | Mandatory |
| **Display Height** | It specifies the relative height of the session viewer of the Remote Desktop connection. | Mandatory |
| **Desktop Width** | It specifies the width of the Remote Desktop. | Mandatory |
| **Desktop Height** | It specifies the height of the Remote Desktop. |  |
| **Full Screen** | It specifies whether the Remote Desktop connection is to be in full screen on not. |  |
| **Redirect Drives** | It specifies whether the client drives are mapped to the Remote Desktop Session. |  |
| **Redirect Printers** | It specifies whether the client printers are mapped to the Remote Desktop Session. |  |

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

# How to Uninstall?

Please follow steps below to uninstall the Remote Access web part.

**Step: 1** Open SharePoint 2010 Management Shell

**Step:** **2**  Type the following:

*Uninstall-SPSolution -Identity* Efficience.WebParts.RemoteAccess*.wsp -webapplication http://<sharepointServer>*

<sharepointServer> is the URL to your SharePoint server

**Step: 3** Wait 2 minutes for SharePoint to clear the web part settings and type:

*Remove-SPSolution -Identity* Efficience.WebParts.RemoteAccess*.wsp*