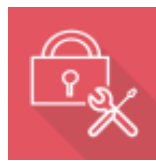




Virto Password Reset and Recovery Web Part for SharePoint

Release 3.2.4



Installation and User Guide

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Virto Password Reset and Recovery 3.2.4 for SharePoint

Overview

This web part is used for quick and simple resolving of situations when a user forgets his password or the password is expired according to password security policy. If there is no such a tool, user must contact his AD administrator every time he needs to change the password.

Virto SharePoint Password Reset and Recovery Web Part is added to the SharePoint by administrator who adjusts the component. You can find detailed information about the web part adjustment in Installation and User Guide. Besides the ability to add Web Part to the SharePoint site page, administrator can also add it to any page of other web-portal with the help of additional ASP.NET source code supplied with the component.

Any user authorized on the SharePoint site with AD login (including cases of remote access to the portal) can request a configuration of new password. And this does not mean that he can change the configuration of the web part.

There also can be a situation when user cannot be authorized on the SharePoint site, but needs to enter it. For such cases the web part can be installed on a special WSS SharePoint site with anonymous access. This will help users without ability to logon to SharePoint site to reset their password.

There are two ways of working with passwords – request a new password on the site **online** or **by email**. According to security policy in the first case before the password changing, user will be offered to answer some **security questions** (from one to three). Security questions are set by system administrator and the values are taken from corresponding fields of AD profile (for instance, date of birth, mobile phone and etc.).

Form Based authentication is included into the list of features of Virto SharePoint Password Reset and Recovery Web Part.

System Requirements

Operating System

Microsoft Windows Server 2003, 2008, 2012

Server

SharePoint Release 2013:

- Microsoft Windows SharePoint Foundation 2013 or Microsoft Office SharePoint Server 2013;
- Microsoft .NET Framework 4.5;

SharePoint Release 2010:

- Microsoft Windows SharePoint Foundation 2010 or Microsoft Office SharePoint Server 2010;
- Microsoft .NET Framework 3.5;

SharePoint Release 3:

- Microsoft Windows SharePoint Services v3 or Microsoft Office SharePoint Server 2007;
- Microsoft .NET Framework 3.5;

Note: This product is not compatible with SPS 2003 and WSS v2.

Browser

Microsoft Internet Explorer 7 or higher.

Installation

This section describes how to install, upgrade, uninstall, or contact Support for the Virto SharePoint Password Reset and Recovery Web Part.

Expected Outage

The expected outage time is from 2 minutes to several hours depending on your hardware and number of SharePoint sites. Though we recommend all Virto users to upgrade on a weekend.

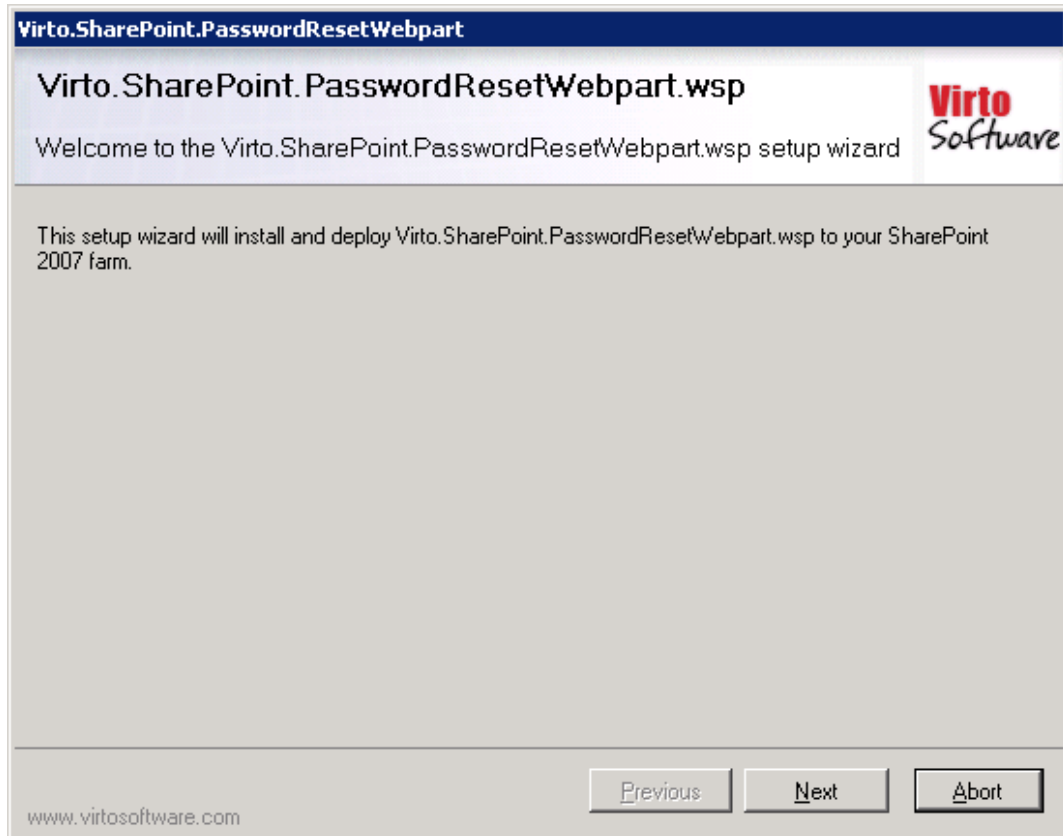
Installing Virto SharePoint Password Reset and Recovery Web Part for SharePoint

Before you begin, you need to make sure you have access to the server and your account has the appropriate administrative privileges to install applications.

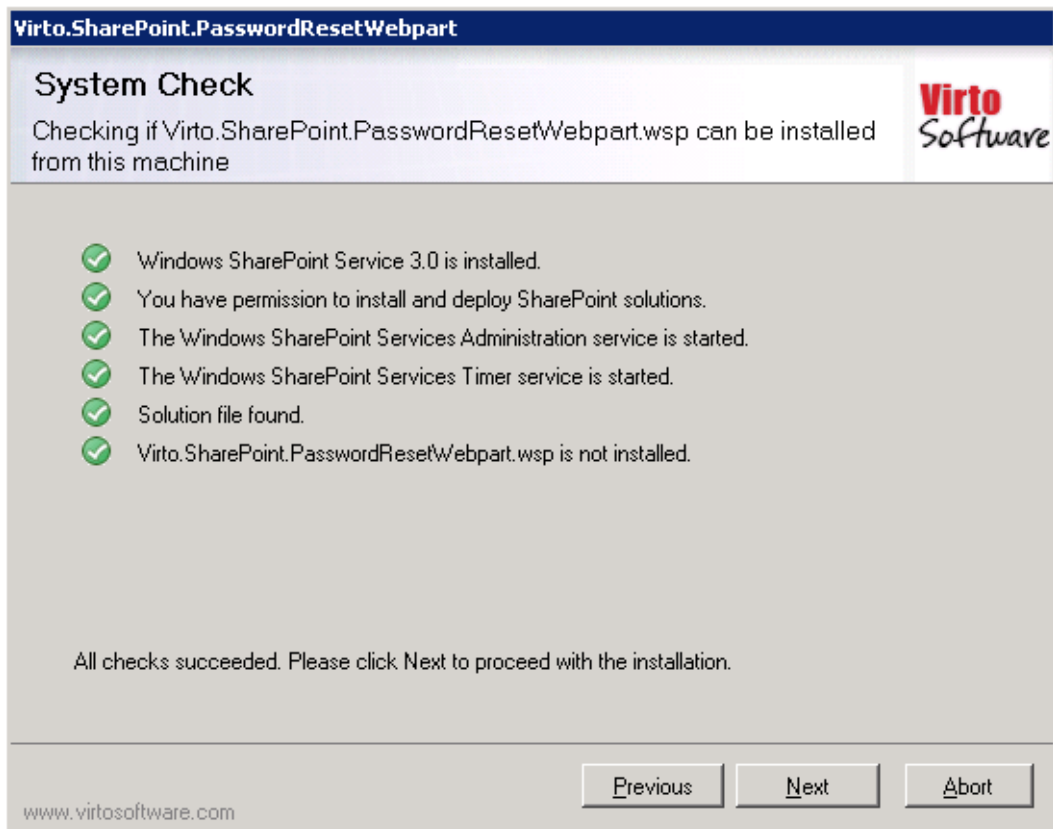
The Virto SharePoint Password Reset and Recovery setup program provides links to the various installation components for the Password Reset.

To access the Virto SharePoint Password Reset and Recovery Setup program download **Virto.SharePoint.20XX.PasswordResetWebPart.zip** file and unzip it. Open **Virto.SharePoint.20XX.PasswordResetWebPart** folder and run extracted Setup.exe file.

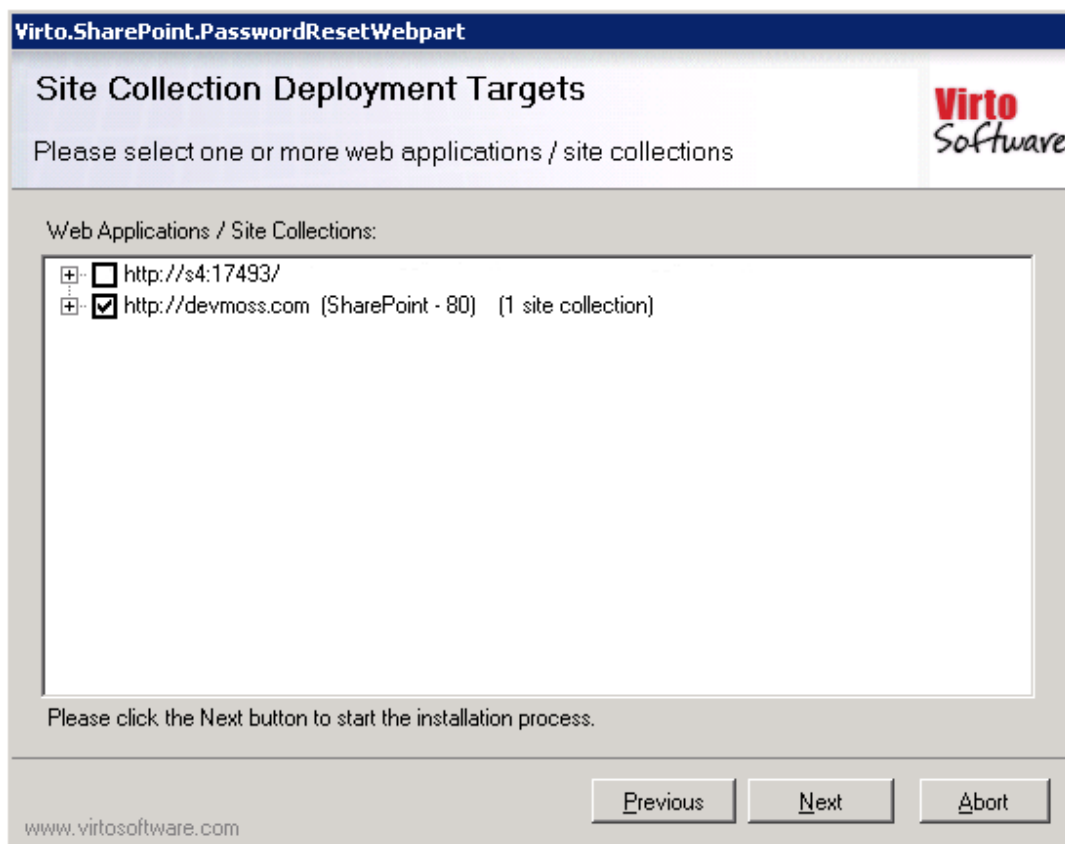
The setup wizard window will appear.



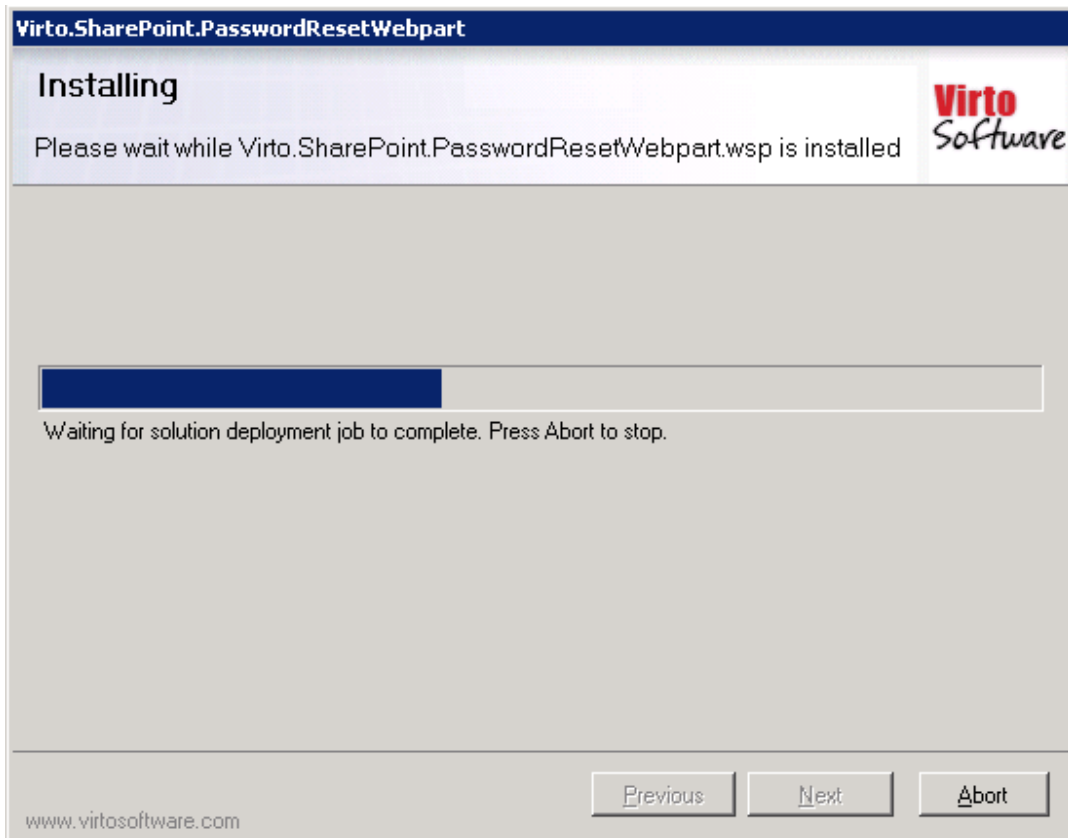
Virto SharePoint Password Reset and Recovery setup wizard performs a system check prior to the installation. All the system checks must be completed successfully in order to proceed with the installation. After the checks have completed, click "Next".



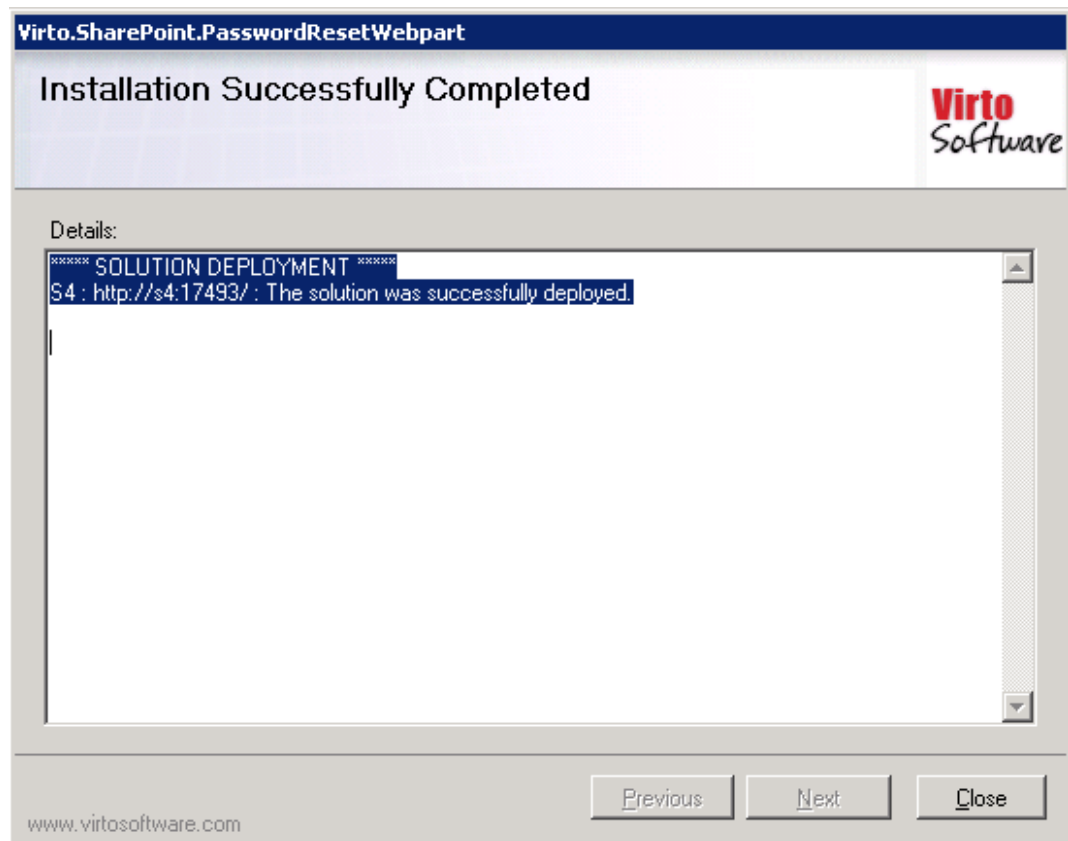
Select the web application(s) where you want to install the product.



Warning: You must be logged in to the SharePoint server with a Site Collection Administrator account to automatically activate this feature.



Then click "Next".



Click "Close". The installation completed.

Note: installation procedure is similar for SharePoint 2007, 2010 and 2013 versions.

SPFx Web Part Installation

To start using Virto Password Reset web part on modern sites/pages of SharePoint 2019 please do the steps as follows.

- 1) To install Virto Password Reset web part run Setup.exe file as administrator under the farm administrator account.
- 2) Create App Catalog in your SharePoint if necessary: <https://docs.microsoft.com/en-us/sharepoint/administration/manage-the-app-catalog>.

The "spfx.sppkg" file will be automatically uploaded to "Apps for SharePoint". Now you can add Virto Password Reset on the modern pages/sites.

Note! Please do not use administrator account to install and activate SPFx web part.

Error "Sorry apps are turned off": What to Do

If you are trying to install the web part on SharePoint 2019 server and got below error while Adding it to your site:

App Catalog ▾ Add Apps ▾



SPFx Web Part

Details

DESCRIPTION

There is no description available.

SUPPORTED LANGUAGES

Supported languages are not specified.

ADD IT

Sorry, apps are turned off. If you know who runs the server, tell them to enable apps.

VERSION 6.1.0.0

RELEASE DATE January 2019

Rectangular Snip

Sorry, apps are turned off. If you know who runs the server, tell them to enable apps.

Possible Reasons and Solutions

Reason	Solution
Apps are not enabled in your farm	Make sure you have Apps enabled in your SharePoint 2019 farm.
Subscription service is not setup	The first and most probably problem would be the subscription service is not configured in your farm. Please configure it.
App management service is not associated with your web application	Make sure App Management Service Application is associated with your web application where you want to add the SPFx web part.
App Url is not configured	If you have not configured the App Urls. please ensure you have given values to App Domain and App Prefix in your App Store settings.

If after ensuring above solutions, you still have the same error, please [register a ticket](#) to let our technicians analyze the problem.

License Activation

To see full instruction for successful activation of your component, please read our [blog](#).

Upgrading Virto SharePoint Password Reset and Recovery web part

If you already use Virto SharePoint Password Reset and Recovery web part and need to upgrade it to the latest version, download the.zip file from <http://www.virtosoftware.com>. Unzip the file and run setup.exe as it is described in the *Installing Virto SharePoint Password Reset and Recovery* section.

Note: it is highly recommended to exit License Manager before upgrading. If you need to use License Manager, run it after upgrading.

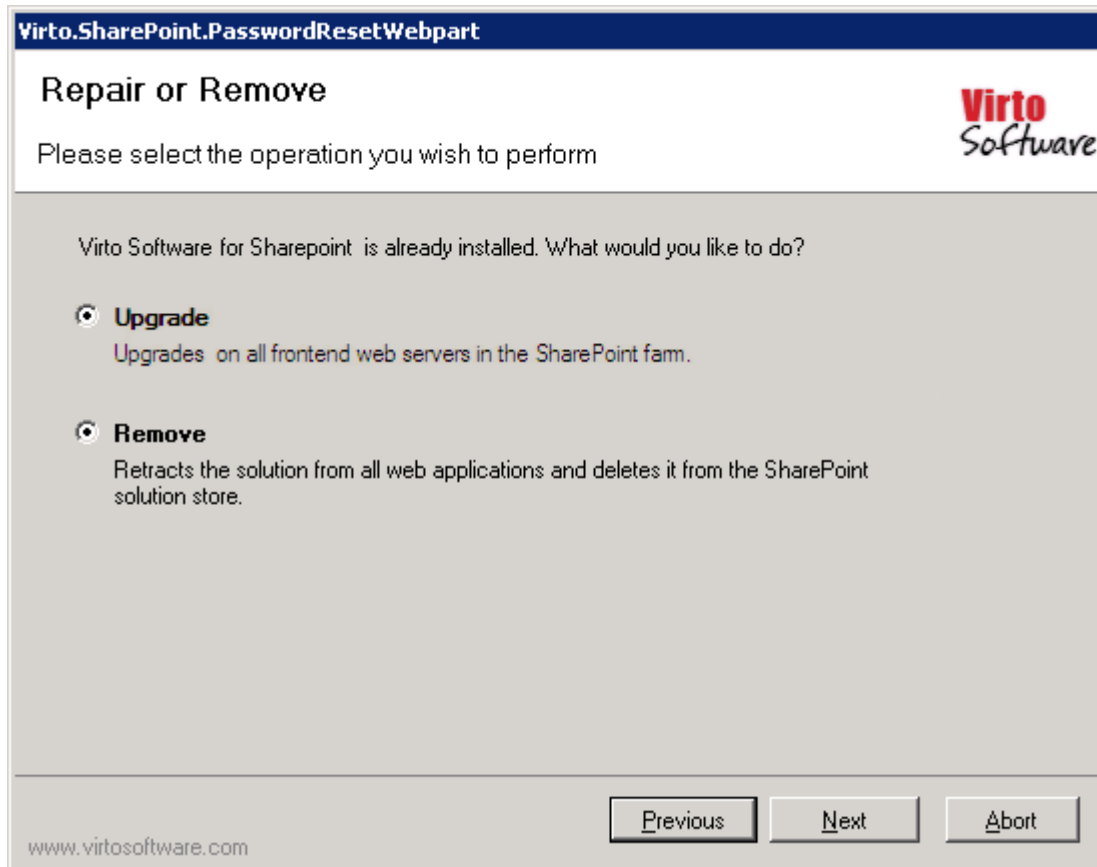
On the step 3 check the box “Upgrade” and click “Next”.

Note: if you had activated the license while installing the previous Virto SharePoint Password Reset and Recovery web part version, you do not need to activate it now.

Uninstalling Virto SharePoint Password Reset and Recovery web part

To uninstall the Web Part:

1. Double click the Setup.exe extracted from downloaded **Virto.SharePoint.20XX.PasswordResetWebPart.zip** file.
2. The program performs the system checks again. Once that has successfully completed, the program prompts you to Repair or Remove the solution. Select Remove, and click “Next”.



Use Cases

Resetting Password from a Site with Anonymous Access

Situation:

SharePoint site uses Windows Authentication and users' profiles are stored in Active Directory. A user tries to logon to SharePoint site of his company but he has forgotten the password. He needs to change his password and enter the site.

Solution:

This user cannot logon to SharePoint site. But he can navigate to SharePoint WSS site with anonymous access (created by SharePoint administrator before) and use Virto SharePoint Password Reset and Recovery web part installed on it. As a result user receives his password for access to SharePoint site.

How to implement:







To implement the solution and make it possible for SharePoint users to reset their password when they cannot logon to SharePoint site, the following actions must be done:

1. SharePoint WSS site with anonymous access should be created.
2. Virto SharePoint Password Reset and Recovery web part should be installed on WSS site.
3. SharePoint users must be informed about this site existence or automatic redirect for wrong password cases can be adjusted.

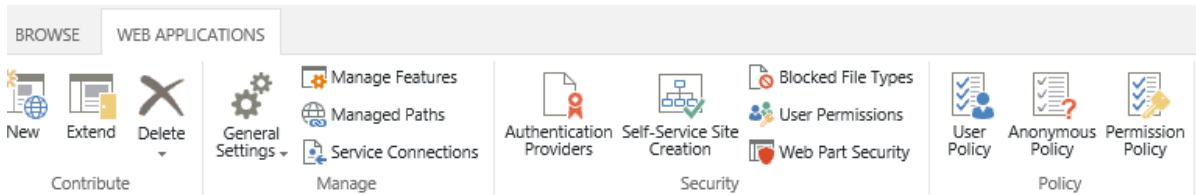
4. Virto SharePoint Password Reset and Recovery web part must be adjusted (security question or email option, see ***Virto Password Reset Administration*** section).

Detailed Instruction:

- 1) Go to **Central Administration** site (“Application Management” -> “Manage Web Application”)

Management	
System Settings	 Application Management Manage web applications Create site collections Manage service applications Manage content databases
Monitoring	 Monitoring Review problems and solutions Check job status
Backup and Restore	
Security	 Security Manage the farm administrators group Configure service accounts
Upgrade and Migration	
General Application Settings	 General Application Settings Configure send to connections Configure content deployment paths and jobs
Apps	
Office 365	 Apps Manage App Catalog Manage App Licenses Monitor Apps
Configuration Wizards	 Configuration Wizards

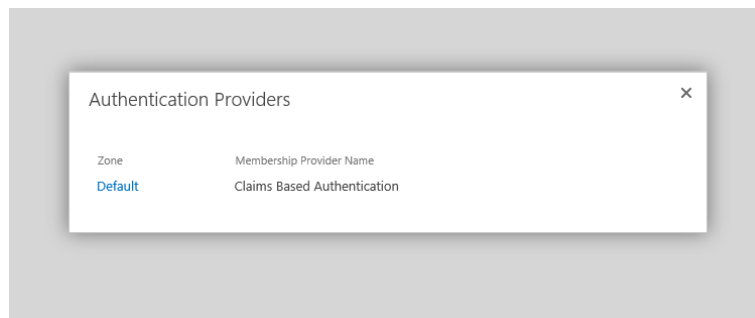
- 2) Choose “Web application” from the list. Click “Authentication Providers” on the ribbon.



Central Administration

- Application Management
- System Settings
- Monitoring
- Backup and Restore
- Security
- Upgrade and Migration
- General Application Settings
- Apps
- Office 365
- Configuration Wizards

3) Choose a provider from the list.



4) Check the box "Enable anonymous access" for required Web Application.

Edit Authentication ×

Zone
These authentication settings are bound to the following zone.

Anonymous Access
You can enable anonymous access for sites on this server or disallow anonymous access for all sites. Enabling anonymous access allows site administrators to turn anonymous access on. Disabling anonymous access blocks anonymous users in the web.config file for this zone.
Note: If anonymous access is turned off when using Forms authentication mode, Forms aware client applications may fail to authenticate correctly.

Client Object Model Permission Requirement
You can require that the user must have the Use Remote Interfaces permission in order to use the Client Object Model to access the server. The Client Object Model is used by some parts of the UI. Enabling this prevents users from performing some tasks using the UI if they do not have the Use Remote Interfaces permission.

Claims Authentication Types
Choose the type of authentication you want to use for this zone.

Negotiate (Kerberos) is the recommended security configuration to use with Windows authentication. If this option is selected and Kerberos is not configured, NTLM will be used. For Kerberos, the application pool account needs to be Network Service or an

Zone
Default

Enable anonymous access

Require Use Remote Interfaces permission

Enable Windows Authentication

Integrated Windows authentication
Negotiate (Kerberos) ▼

Basic authentication (credentials are sent in clear text)

Enable Forms Based Authentication (FBA)
ASP.NET Membership provider name

ASP.NET Role manager name

Now the ability to select anonymous access to sites is added to the Web Application.

5) Go to “Site contents” in “Site Administration” section and create a New site.

Site Contents › New SharePoint Site

Title and Description

Title:

Description:

Web Site Address

URL name:

Template Selection

Select a template:

 Team Site
 Blog
 Project Site
 Community Site

A place to work together with a group of people.

Permissions

You can give permission to access your new site to the same users who have access to this parent site, or you can give permission to a unique set of users.

User Permissions:

- Use same permissions as parent site
 Use unique permissions

- 6) Enter your site name. Select “Blank Site” template and check “Use unique permissions” in the “Permissions” group. Click “Create”.
- 7) Now go to the created site -> Site settings. Click “Site permissions” in “Users and Permissions” section.

Anonymous access site  EDIT LINKS

Site Settings

Users and Permissions

[People and groups](#)
[Site permissions](#)
[Site app permissions](#)

Web Designer Galleries

[Site columns](#)
[Site content types](#)
[Master pages](#)
[Composed looks](#)

Site Administration

[Regional settings](#)
[Site libraries and lists](#)
[User alerts](#)
[RSS](#)
[Sites and workspaces](#)
[Workflow settings](#)
[Site Closure and Deletion](#)
[Term store management](#)
[Popularity Trends](#)
[Virto Active Directory Service Settings](#)

Search

[Result Sources](#)
[Result Types](#)
[Query Rules](#)
[Schema](#)
[Search Settings](#)
[Search and offline availability](#)
[Configuration Import](#)
[Configuration Export](#)

Look and Feel

[Title, description, and logo](#)
[Quick launch](#)
[Top link bar](#)
[Tree view](#)
[Change the look](#)

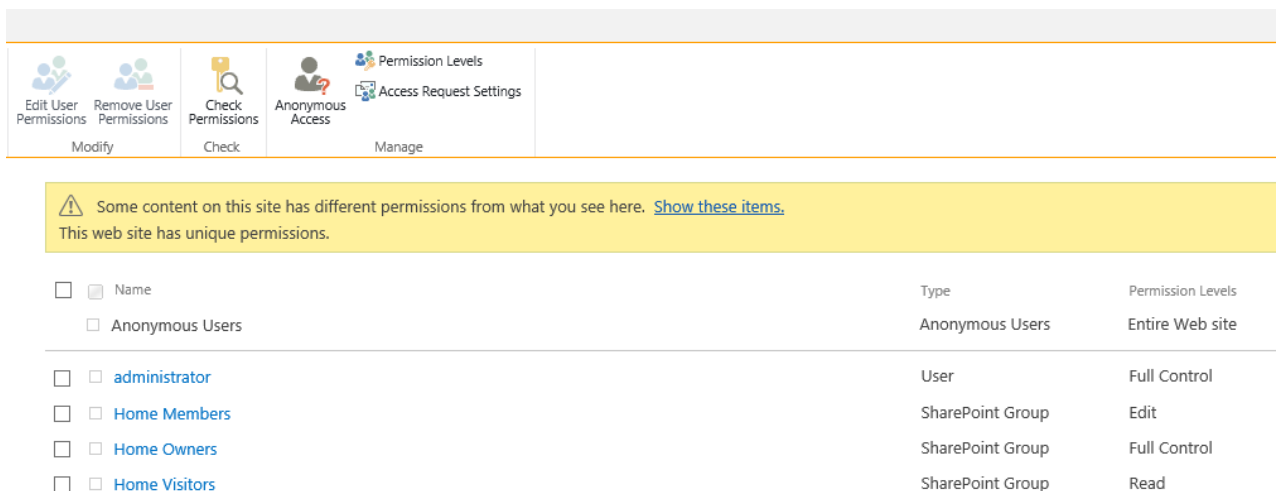
Site Actions

[Manage site features](#)
[Save site as template](#)
[Enable search configuration export](#)
[Reset to site definition](#)
[Delete this site](#)

Site Collection Administration

[Go to top level site settings](#)

- 8) Go to “Settings” -> “Anonymous Access”. Check the box “Entire Web site” for anonymous access settings.



The screenshot shows the 'Anonymous Access' settings page in SharePoint. At the top, there are navigation links: 'Edit User Permissions', 'Remove User Permissions', 'Check Permissions', 'Anonymous Access', 'Permission Levels', and 'Access Request Settings'. Below these is a warning message: 'Some content on this site has different permissions from what you see here. [Show these items.](#) This web site has unique permissions.' The main content is a table with columns for 'Name', 'Type', and 'Permission Levels'.

Name	Type	Permission Levels
<input type="checkbox"/> <input type="checkbox"/> Anonymous Users	Anonymous Users	Entire Web site
<input type="checkbox"/> <input type="checkbox"/> administrator	User	Full Control
<input type="checkbox"/> <input type="checkbox"/> Home Members	SharePoint Group	Edit
<input type="checkbox"/> <input type="checkbox"/> Home Owners	SharePoint Group	Full Control
<input type="checkbox"/> <input type="checkbox"/> Home Visitors	SharePoint Group	Read

Now Password Reset site can be accessed with anonymous authentication.

- 9) Then add Virto Reset and Recovery Web Part to the first page of this site (see **Virto Password Reset Administration** section) and configure it. Now user can get anonymous access to this page and reset his password.

Using Security Questions for Password Resetting

Situation:

User forgets the password. How to reset the password with an answer to a security question? How this answer is defined?

Solution:

User defines an answer to a security question when he fills out a special field. Information from this field will be verified and if the answer is correct, password will be reset.

How to implement:

Two web parts are installed on a SharePoint site – **Virto Active Directory Self User Service** and **Virto Password Reset and Recovery Web Part**.

The first web part allows user to set an answer to a security question (value of the special field), the second web part enables to reset the password when user forgets it.

The following actions must be done:

1. Virto Active Directory Self User Service installing.
2. Adding special field which will contain answer to a security question.
3. Virto Password Reset and Recovery Web Part installing.
4. Selecting field (created in 3) in the Password Reset and Recovery Web Part settings for security question answer.

Detailed Instruction:

For SharePoint site administrator

Install Virto Active Directory User Service. Then go to “Site Actions – Site Settings”.

Follow the link “Virto Active Directory Service Settings”.

Site Settings

Users and Permissions	Look and Feel
People and groups	Design Manager
Site permissions	Master page
Site app permissions	Title, description, and logo
	Page layouts and site templates
	Welcome Page
Web Designer Galleries	Device Channels
Site columns	Tree view
Site content types	Change the look
Master pages and page layouts	Import Design Package
Composed looks	Navigation
	Image Renditions
Site Administration	
Regional settings	Site Actions
Language settings	Manage site features
Site libraries and lists	Reset to site definition
User alerts	Delete this site
RSS	
Sites and workspaces	Reporting Services
Workflow settings	Manage Shared Schedules
Virtio Unzip Settings	Reporting Services Site Settings
Site Closure and Deletion	Manage Data Alerts
Popularity Trends	
Term store management	Search
Site output cache	Result Sources
Content and structure	Result Types
Content and structure logs	Query Rules
Manage catalog connections	Schema
Site variation settings	Search Settings
Translation Status	Searchable columns
Virtio Active Directory Service Settings	

Click “Manage Fields” and use “Add Field” to add new field to the list.

List of available fields with view, edit and search permissions

Select fieldset for working with AD information. Define which actions will be allowed for each field (viewing, editing, and searching).

Display Name	Allow View	Allow Edit	Allow Search	
Account	✓	✓	✓	
Email	✓	✓	✓	
Post Office Box	✓	✓	✓	
Postal Code				
postalCode				
Contact Information				5
	✓			✕
Location				
l				
Contact Information				6
	✓			✕
Address				
streetAddress				
Contact Information				7
	✓			✕

Add Field

Enter required data and pay attention to the field “AD Name” (corresponding field from Active Directory).

New Field Adding

Displayed Name *	Secure answer (Pet's name)
AD Name *	division
Tab Name:	General
SortingOrder *	8

Click "OK".

Location	I	Contact Information	6	✓	✕
Address	streetAddress	Contact Information	7	✓	✕
Secure answer (Pet's name)	division	General	8		✕

▢ Add Field

The field will appear in the Active Directory Self User Service Web Part.

Virto Active Directory User Service for SharePoint 2013

The screenshot shows the user profile page for Keith Moon. The 'Secure answer (Pet's name)' field is highlighted with a red box. The page includes tabs for General, About Me, Contact Information, and Organization, and buttons for 'Create new user', 'Save', and 'Cancel'.

Go to the site where Virto Password Reset and Recovery Web Part is installed. Use "Edit Web Part".

Adjust web part for security question (see User Guide). Define the field (created with the Active Directory User Service) as a field with an answer to security question.

The screenshot shows the 'Password Reset Configuration' for the Virto Password Reset Web Part. The 'Use security questions' option is selected and highlighted with a red box. Below, the security question 'Your Pet's name' and its AD custom field name 'division' are shown.

Click "OK".

For user

Go to SharePoint site where the Active Directory User Service is installed. Fill out the field "Secure Answer (Pet's Name)". Click "Save".

ADUserService

Virto Active Directory User Service for SharePoint 2013

The screenshot shows the ADUserService web part interface. On the left is a tree view of users. The main area has tabs for 'General', 'About Me', 'Contact Information', and 'Organization'. The 'Organization' tab is active, showing a form with fields for 'Account', 'First Name', 'Last Name', 'Display Name', 'Initials', and 'Secure answer (Pet's name)'. The 'Secure answer (Pet's name)' field is highlighted with a red border and contains the text 'Sonya'. Buttons for 'Create new user', 'Save', and 'Cancel' are visible at the top and bottom right.

When user forgets his password

Go to the site with anonymous access (contact your administrator).

The screenshot shows the 'Virto Password Reset Web Part for SharePoint 2013'. It contains three input fields: 'User Name *', 'Security Question: Your Pet's name', and 'Answer *'. Below the fields is a red note: '(*)Required Fields'. At the bottom right are 'Submit' and 'Clear' buttons.

Enter answer to the security question. Click "Submit". If the answer is incorrect, a message will appear.

Virto Password Reset Web Part for SharePoint 2013

The screenshot shows the password reset form with the following values: 'User Name *' is 'KeithM', 'Security Question:' is 'Your Pet's name', and 'Answer *' is 'Sonia'. A red message box at the bottom states: 'Some of your answers have no matches with AD data!'. 'Submit' and 'Clear' buttons are visible at the bottom right.

When the answer is correct, password will be displayed and sent by e-mail.

Virto Password Reset Web Part for SharePoint 2013

User Name *

Security Question: Your Pet's name

Answer *

(*)Required Fields

Success: the new password is: D!qC7]OHCCc9bu3

Submit Clear

Administration and Usage

Adding the Web Part to a Page

Go to SharePoint site where you want to add the web part and open "Site Actions - Edit page".

SharePoint Newsfeed OneDrive Sites

BROWSE PAGE FORMAT TEXT INSERT

Table Picture Video and Audio Link Upload File Reusable Content App Part Web Part Embed Code

Categories: Forms, Media and Content, Search, Search-Driven Content, Social Collaboration, SQL Server Reporting, **Virto Solutions**

Parts: Virto Active Directory Self User S..., Virto Active Directory User Servic..., Virto Bulk File Download, Virto Bulk File Upload Web Part f..., Virto Alerts Customizer for Share..., Virto Calendar Web Part, Virto Bulk Approve, Virto Create & Clone AD User We..., Virto Event Viewer, Virto Bulk Check In, Virto HTML5 Bulk File Upload, Virto HTML5 Gantt, Virto Bulk Edit, Virto HTML5 Bulk File Upload, Virto Bulk File Copy and Move, Virto HTML5 Slider, Virto Bulk File Delete, Virto Image Slider, Virto Kanban Board, Virto Password Changer Web Par..., Virto Password Expiration Warnin..., **Virto Password Reset Web Part f...**, Virto Pivot View Web Part for Sha., Virto Social Aggregator Web Part

About the part: Virto Password Reset Web Part for SharePoint 2013. Use the Virto Password Reset Web Part for SharePoint 2013 for recovering Active Directory passwords while being logged into SharePoint site.

Add part to: Rich Content

Add Cancel

You will switch to edit mode. Click "Add a Web Part".

Select Virto Password Reset and Recovery Web Part for SharePoint at the bottom of the list and click "Add".

Once you have clicked "Add" button, use "Exit edit mode" button.

Virto Password Reset and Recovery Administration

Once you have added Virto Password Reset and Recovery web part to the site page, you have to adjust it. Use "Edit Web Part" in the upper right hand corner of the page.

The Web Part settings will be displayed. SharePoint administrator adjusts the system according to password security policy.

Active Directory Authentication

← Virtos Password Reset Web Part for SharePoint 2013 ×

Password Reset Configuration

Choose authentication mode

AD authentication

Form based authentication ("Use E-mail address" mode)

.....

Choose security questions using or E-mail address for password reset

Use security questions

Use E-mail address

.....

Show password to user

This page public url

.....

To send confirming message by E-mail (otherwise the new password will be sent immediately)

Check the box “Show password to user” if you want to show password on the site page when user resets it.

If you define page public url, external users will be able to reset password and receive a new one with using this public url.

Active Directory authentication enables users to enter the same login and password to logon to the SharePoint site as for logging to Windows system. In this case automatic SharePoint authentication can be adjusted.

There are two options for password reset: **security questions** and **email request**. See the sections below.

Form Based Authentication

To use form based authentication (password is defined specially for logging to SharePoint site), select it in the “Password Rest Configuration” block.

Form based authentication allows only one type of password reset – “Using email address”. This means that password will be sent by email according to the system settings. Security question option will be disabled.

Check the box “To send confirming message by e-mail”, and user will receive email with link to follow before password is reset. If you uncheck this box, the password will be sent by email immediately with no additional links to follow.

To send confirming message by E-mail
(otherwise the new password will be sent immediately)

Now define Email options for password reset.

Type the subject and message text to be displayed in the system email message. If you checked the box “To send confirming message by e-mail”, type the text of confirming email message.

Now click “OK” to save the settings and return to the web part. Or click “Apply” to save the settings and continue adjustment (in this case the settings block will stay opened).

Security Questions

In case security questions are selected, user who tries to reset the password will have to answer some questions. And if the web part identifies this user's answers as correct ones, the password will be changed online.

If you want to use this option for password reset, select "Use security questions".

Choose security questions using or E-mail address for password reset

Use security questions

Use E-mail address

Then define administrative options: enter domain name, user principal name and password. This data is applied for user who will have rights for password reset (web part administrator).

Administrative Options

Enter Administrative Account that has rights to reset user password.

Domain Name:

User Principal Name
(user1@corp.contos.com):

Password:

In this field you can apply a password policy to users form an organizational unit and allow chosen groups to reset passwords.

Allow resetting password to users from the following organizational unit(s) (full OU path(s) must be provided) only. Example: Departments\Marketing. There can be several OU paths separated by Enter key.

Departments\Sales
Departments\Marketing
Departments\Development

Then check required boxes:

- 1) **Unlock Account Automatically** – system can unlock locked user (according to security settings);
- 2) **Enable Account Automatically** – disabled account can be enabled again for authentication (according to security settings);
- 3) **User must change password at next logon** – user will have to change new password again when logging to the system next time;
- 4) **Check for valid user E-mail** – the system will check if the entered email address is the same as email address defined for Active Directory.

Unlock Account Automatically.
 Enable Account Automatically
 User must change password at next logon.
 Check for valid user E-mail.

Now define security questions (from 1 to 3) and point **corresponding Active Directory fields** that contain answer information. The system will define if user's answers match the values of corresponding Active Directory fields.

Security Question

Security Question Options ("Use security questions" mode)

Security Question #1:

Additional email

AD Custom field name for answer to Security Question #1:

additional_email

Security Question #2:

Your mobile

AD Custom field name for answer to Security Question #2:

mobile

Now click "OK" to save the settings and return to the web part. Or click "Apply" to save the settings and continue adjustment (in this case the settings block will stay opened).

Email Request

In case "Use e-mail address" option is selected, the password will be sent by email according to the system settings.

Choose security questions using or E-mail address for password reset

Use security questions

Use E-mail address

Show password to user

This page public url

To send confirming message by E-mail (otherwise the new password will be sent immediately)

If you check the box "To send confirming message by e-mail", user will receive email with link to follow before password is reset. If you uncheck this box, the password will be displayed on the page immediately and sent by email with no additional links to follow.

Then define administrative options: enter domain name, user principal name and password. This data is applied for user who will have rights for password reset (web part administrator).

Note: you need to enter fully qualified principal name (see the example on the screenshot).

Administrative Options

Enter Administrative Account that has rights to reset user password.

Domain Name:

User Principal Name
 (user1@corp.contos.com):

Password:

Now define Email options for password reset.

E-mail Options

Confirming E-mail Options

Subject:

Confirming E-mail message:

E-mail message:

Type the subject and message text to be displayed in the system email message. If you check the box “To send confirming message by e-mail”, type the text of confirming email message.

Now click “OK” to save the settings and return to the web part. Or click “Apply” to save the settings and continue adjustment (in this case the settings block will stay opened).

Password Format

Administrator can define the format of password which will be required when password resetting. By default new password must contain letters, digits and specific signs. In case you need to change these settings, go to web part settings (“Edit Web Part”) and roll down to “Password properties” block. Check the required boxes:

- Include letters to password;
- Include digits to password;
- Include specific signs to password.

When all the required boxes are checked, click “OK” or “Apply” to save the settings.

Password Properties

Password Length

- Include lower case letters to password
- Include upper case letters to password
- Include digits to password
- Include specific signs to password (ex. !*[] etc)

Virto Password Reset Usage

When Virto password Reset and Recovery web part is added to the page of SharePoint site it look as follows (depending on web part configuration).

Virto Password Reset Web Part for SharePoint 2013

User Name *

E-mail *

(*)Required Fields

User has to fill out the required fields (pointed with *) and click “Submit”. Then the password will be shown (sent) to user depending on web part configuration (see previous section).

Security Question

If the web part offers you to answer some security questions, type the answer in the corresponding field and click “Submit”.

Virto Password Reset Web Part for SharePoint 2013

User Name *

Security Question: Your email

Answer *

(*)Required Fields

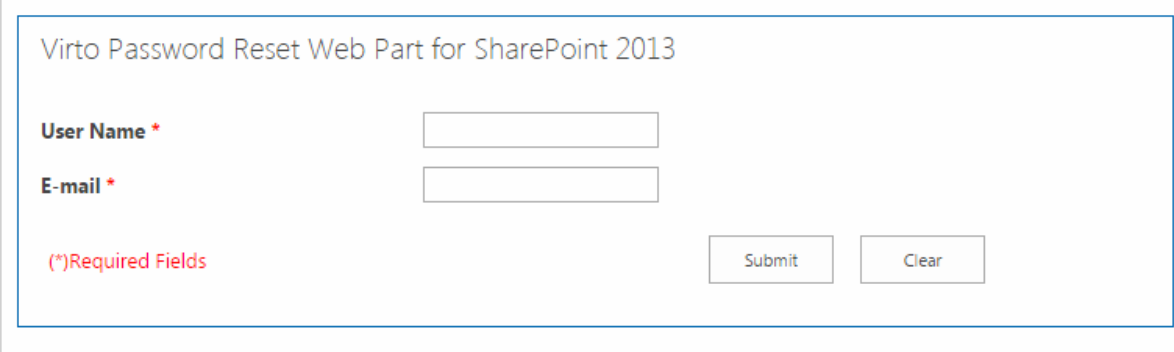
If the entered information is correct, the password will be displayed.

Email Request

If the web part offers you to enter email address, the email sending is selected for password reset. In this case two possible options can work:

- 1) The web part allows entering any email. Password will be sent to this email after the check.
- 2) The web part allows entering only the email defined for user in Active Directory. If the email address is incorrect, the password will not be sent.

Fill out the required fields and click "Submit".



Virto Password Reset Web Part for SharePoint 2013

User Name *

E-mail *

(*)Required Fields

Submit Clear

If the entered information is correct, the password will be sent to the pointed email address (or confirming email message at first).

Version Release History

Release Date	Version	Description
09/02/2021	v.3.2.4	[+] SPFx web part
11/19/2020	v.3.2.3	[*] The license manager has been updated.
04/15/2016	v.3.1.1	[+] Option for limiting users from specified Organizational Units to reset password has been added.
09/09/2013	v.3.0.0	[*] New license manager
09/20/2011	v.2.0.0	[+] Resetting password for FBA users has been added.
06/25/2010	v.1.3.0	[+] Ability to change web part localization has been added. [+] French localization has been added. [+] Option for hiding password on page has been added. [+] Option for public web part page url has been added.
02/04/2009	v.1.2.0	[+] Password complexity setting are added
11/13/2009	v.1.1.0	[*] User interfaces [-] Some fixes for Error Message System
09/29/2009	v. 1.0.0	First Release [-] bug fixed [+]new features added