

ArtfulBits Password Expiration Web Part

for Microsoft® SharePoint®



User Guide

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Overview

ArtfulBits Password Expiration Web Part enables notification of Active Directory users through the Web Part user interface along with a link to a web page to change their password and/or an email that is automatically sent to their inbox notifying the user that their password is about to expire within a specified grace period. Administrators also have an option to force the users to be automatically redirected to selected web page in order to change their passwords.

ArtfulBits Password Expiration Web Part

Your password will be expiring in 5 day(s). Please click [here](#) to change your password.

In addition, administrators can schedule the email notifications using Password Expiration Alert Job and configure how often and for how long the emails will be sent to users.

Feature List

Feature	SharePoint 2010	SharePoint 2013	SharePoint 2016	SharePoint 2019
Notify users via Web Part interface when password is about to expire	✓	✓	✓	✓
Ability to automatically redirect the users to a specified URL to enforce password changing	✓	✓	✓	✓
Send email notifications to users before their passwords expire	✓	✓	✓	✓
Schedule frequency and grace period for sending emails	✓	✓	✓	✓
Customizable email notification	✓	✓	✓	✓
Language pack support (desired localization could be added by request)	✓	✓	✓	✓

Why ArtfulBits Password Expiration Web Part?

ArtfulBits Password Expiration Web Part is unique SharePoint add-on that can prevent password expiration by notifying the AD users via email or via Web Part interface that their passwords are about to expire. Using in combination with ArtfulBits Password Change Web Part can substantially improve users' password management.

How to Use

ArtfulBits Password Expiration Web Part product includes two components:

- **ArtfulBits Password Expiration Web Part** - the Web Part can be configured to display warning message that users' password is about to expire or to force redirect them to the web page to change their password
- **ArtfulBits Password Expiration Alert** - periodically this timer job reads user information in Active Directory to determine the password expiration date for SharePoint users. If user password is about to expire then it sends email notification with link to change password

NOTE: Password Expiration works only with Active Directory users and supports only one domain.

Password Expiration Global Settings

To give access for timer job to read user information in Active Directory you should open "Password Expiration Settings" page in your site collection (Site Settings → Site Collection Administration → Password Expiration settings) and provide Administrative Account that has right to read Active Directory user information.



- Site Collection Administration
- Recycle bin
- Search Result Sources
- Search Result Types
- Search Query Rules
- Search Schema
- Search Settings
- Search Configuration Import
- Search Configuration Export
- Site collection features
- Site hierarchy
- Site collection audit settings
- Audit log reports
- Portal site connection
- Content Type Policy Templates
- Site collection app permissions
- Storage Metrics
- Site Policies
- Content type publishing
- Popularity and Search Reports
- HTML Field Security
- Help settings
- SharePoint Designer Settings
- Password Change settings
- Password Expiration settings**
- Password Reset settings
- Site collection health checks
- E-mail settings
- Site collection upgrade

Administrative Account
Provide Administrative Account that has right to read Active Directory user information.

Domain:

Account Name:

Password:

Email Settings
Customize email notification to be sent to users before their passwords are about to expire. You can use following template fields in e-mail subject and body: \$DAYSLEFT\$, \$EXPIRATIONDATES\$, \$TODAY\$, \$USERLOGINS\$, \$USERNAMES\$.

Password Expiry Warning Period: days
Specify the number of days left till the password expiration date that you want email notification to be sent to users.

Email Subject:

Email Body:

Email From:

Email Bcc:

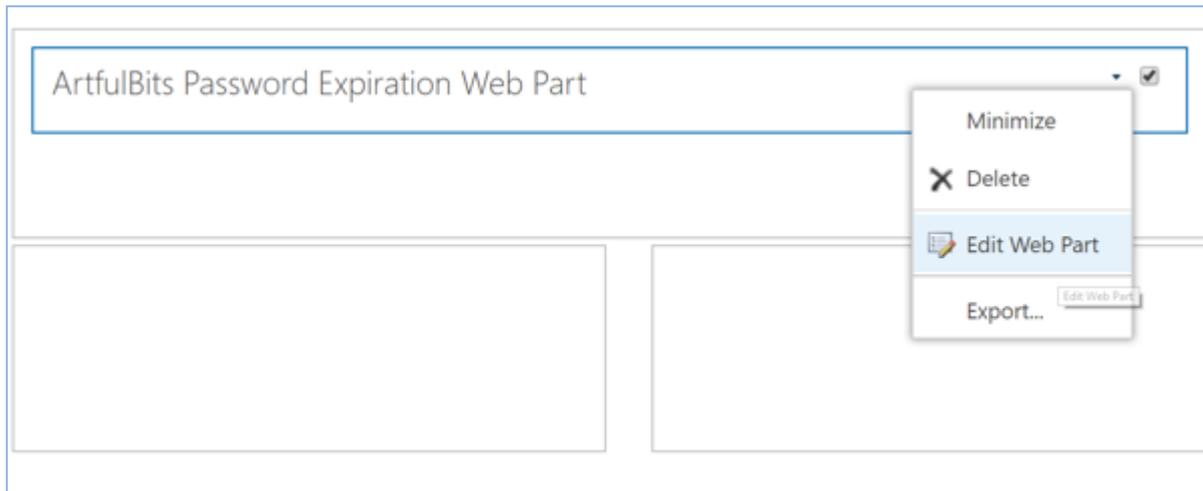
- **Domain** - enter the domain name
- **Account Name** - enter the Account Name for the domain administrator who has read-only rights to Active Directory user information
- **Password** - enter the password for the Active Directory account

In this page you can also specify email notification settings:

- **Password Expiry Warning Period** – specify the number of days left till the password expiration date that you want email notification to be sent to users
- **Email Subject** and **Email Body** - specify e-mail subject and body. You can use the following template fields in email content: \$DAYSLEFT\$, \$EXPIRATIONDATE\$, \$TODAY\$, \$USERLOGINS\$, \$USERNAME\$
- **Email From** - specify sender's address
- **Email Bcc**- specify administrator email to be notified about confirmation e-mails sent to users

Password Expiration Web Part

To use the ArtfulBits Password Expiration Web Part you must first activate "ArtfulBits Password Expiration Web Part" site collection feature and then add this web part to your desired page as any standard Web Part.



After that click on "Edit Web Part".

ArtfulBits Password Expiration Web Part

Password Expiration Settings

[Click here to open Password Expiration settings page.](#)

Password Expiry Warning Period

14 days

Automatically redirect users to password change page

Display password expiry warning message:

Your password will be expiring in \$DAYSLEFT\$ day(s). Please click [here](/_layouts/ArtfulBits.WebParts/ChangePassword.aspx) to change your password.

You can use the following template fields in warning message: \$DAYSLEFT\$, \$EXPIRATIONDATE\$, \$TODAY\$, \$USERLOGIN\$, \$USERNAME\$.

Appearance

Layout

Advanced

OK Cancel Apply

On Password Expiration Settings panel you can configure the following:

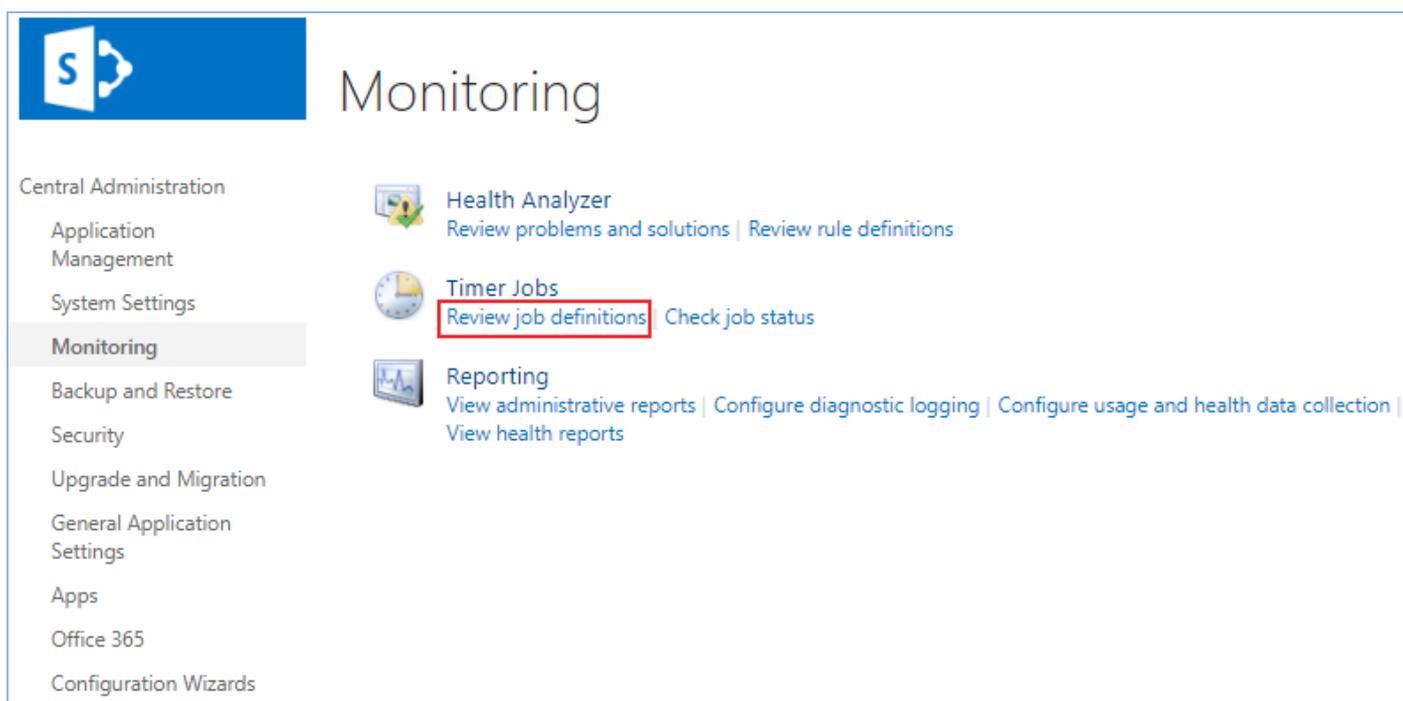
- **Password Expiry Warning Period** - specify the number of days left till the password expiration date that you either want users to be automatically redirected to the specified URL or to display password expiry warning message in the Web Part
- **Automatically redirect users to password change page** - check this option to automatically redirect users to the specified URL and type server relative URL to a web page where users can change their password or get instructions on how to do this
- **Display password expiry warning message** - select to display password expiry warning message in the Web Part. You can use the following template fields in warning message: \$DAYSLEFT\$, \$EXPIRATIONDATE\$, \$TODAY\$, \$USERLOGIN\$, \$USERNAME\$

Click "Click here to open Password Expiration settings page" link to navigate to Password Expiration settings page, where you can specify Administrative Account that used to read Active Directory user information.

Password Expiration Alert

To add "ArtfulBits Password Expiration Alert" timer job to selected Web application, administrator needs to activate "ArtfulBits Password Expiration Alert Job" Web application feature.

By default, timer job runs weekly on Sunday at 2:00 AM. You can modify the schedule by specifying when the timer job will run. In order to do this please select Central Administration → Monitoring → Timer Jobs → Review job definitions:



Title	Web Application	Schedule Type
Access Services Monitor Timer Job		Disabled
Access Services Provider for SQL Connection Statistics (SQL Azure only)		Disabled
Access Services Provider for SQL Event Log (SQL Azure only)		Disabled
Analytics Event Store Retention		Weekly
Analytics Timer Job for Search Service Application Search Service Application		Minutes
App Installation Service		Minutes
App State Update		Hourly
Application Addresses Refresh Job		Minutes
Application Server Administration Service Timer Job		Minutes
Application Server Timer Job		Minutes
ArtfulBits Password Expiration Alert	SharePoint - 80	Weekly
Audit Log Trimming	SharePoint - 605	Monthly

Then click on "ArtfulBits Password Expiration Alert" link of target web application in Job Definitions table. In "Recurring Schedule" section edit page you can schedule timer job to monitor users' password expiration date.

Job Title	ArtfulBits Password Expiration Alert		
Job Description			
Job Properties This section lists the properties for this job.	Web application:	SharePoint - 80	
	Last run time:	N/A	
Recurring Schedule Use this section to modify the schedule specifying when the timer job will run. Daily, weekly, and monthly schedules also include a window of execution. The timer service will pick a random time within this interval to begin executing the job on each applicable server. This feature is appropriate for high-load jobs which run on multiple servers on the farm. Running this type of job on all the servers simultaneously might place an unreasonable load on the farm. To specify an exact starting time, set the beginning and ending times of the interval to the same value.	This timer job is scheduled to run:		
	<input type="radio"/> Minutes	Starting every week between	
	<input type="radio"/> Hourly	Sunday	at 12 AM 00
	<input type="radio"/> Daily	and no later than	
	<input checked="" type="radio"/> Weekly	Sunday	at 12 AM 00
	<input type="radio"/> Monthly		
	<input type="button" value="Run Now"/> <input type="button" value="Disable"/> <input type="button" value="OK"/> <input type="button" value="Cancel"/>		

Release Notes

Version	Notes
v2.4 (September 10, 2019)	New Features: <ul style="list-style-type: none">• Added SharePoint 2019 support Improvements: <ul style="list-style-type: none">• Adjusted security and compliance requirements
v2.0 (May 16, 2017)	New Features: <ul style="list-style-type: none">• Added SharePoint 2016 support Improvements: <ul style="list-style-type: none">• Modified German resources• Excluded "disabled accounts" from password expiration job Bugs Fixed: <ul style="list-style-type: none">• Fixed minor issues
v1.1 (February 5, 2013)	New Features: <ul style="list-style-type: none">• Added SharePoint 2013 support• Added German, Russian and Swedish localization
v1.01 (November 10, 2011)	Bugs Fixed: <ul style="list-style-type: none">• Fixed email notification from Password Expiration Alert Job
v1.0 (July 29, 2011)	Initial Release

See Also



[ArtfulBits Blog](#)

Professional Blog complements and extends SharePoint default functionality with the possibility of adding video or zoomable image and preview, providing tags for the blog entries, supporting the categorization and tags cloud, filtering the entries by category or tag, configurable global settings and many more.



[Cascaded Lookup Column](#)

Cascaded Lookup Column allows building relationship between parent and child columns, the data selected in one field will determine the options presented in another.



[Category Column](#)

Category Column allows tracking, organizing and grouping list items. Outlook 2007 approach for elements categorization, easy indicator color changing and using of advanced tooltip, provide a high professional component style.



[Column Data Adapter](#)

Column Data Adapter is an extension component providing ability to use ArtfulBits Columns in Microsoft Access forms, reports and Microsoft Excel.



[Column Permissions](#)

Column Permissions allows you to manage access to list content on column level. Permissions can be assigned for individual users and for SharePoint groups as well and are effective in forms and list views, as well as in the SharePoint Alerts, RSS, Datasheet and even during exporting to Excel and opening with Access.



[Discussion Column](#)

Need to organize well formatted conversation in the list item without enabling list versioning? Discussion Column is the right choice. Component allows entering rich text with formatting, images, tables, hyperlinks and other features.



[Email Web Part](#)

ArtfulBits Email Web Part allows sending e-mail messages directly from Microsoft SharePoint site. You can notify task assigned users, send gratitude or just send regular e-mail message, etc.



[Follow-Up Column](#)

Follow-Up Column enables due date flags similar to Outlook follow-up functionality. Applying of flags to the list item allows adding of visual reminder in a natural way.



[Image Upload Column](#)

Quick and simple way of uploading pictures. Image Upload Column provides with ability to select a picture using file browsing dialog, upload and display it in the list view.



[KPI Column](#)

KPI (Key Performance Indicator) Column is simple graphical scorecards that can be used to evaluate business data against business goals. With this column you reduce risk to overlook information about the status of value.



[Link to Document Column](#)

Link to Document Column allows referencing files and folders placed at Document Library and provides easy and intuitive way to download files directly from column. Use this column to provide a browsing interface that allows users to browse to an object to link to instead of typing a URL.



[Parent Selector Column](#)

Parent Selector Column is used for organizing hierarchical relations in SharePoint list. Picker dialog allows choosing data from large lists. Standard Lookup column can be easily converted to Parent Selector column and vice versa.



[Password Change Web Part](#)

Password Change Web Part allows users to change their own passwords from within the SharePoint environment using standard text box interface (current password, new password and confirm new password).



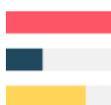
[Password Expiration Web Part](#)

Password Expiration Web Part enables Active Directory users to be notified via Web Part interface that their passwords are about to expire. It also automatically sends out email notifications to users before the password expiration date.



[Professional Calendar Web Part](#)

Professional Calendar Web Part provides following key benefits: it allows combining events from different SharePoint Lists, from any SharePoint Site, in one Calendar view; allows specifying different color sets for different event sources; supports on-the-fly AJAX-enabled editing features in Outlook like style; and other enhanced functionalities.



[Progress Column](#)

Progress Column provides users with the ability to make SharePoint lists more visualized by displaying numerical data on the page using percentage-based progress bar. Professional progress bar style will make your SharePoint list really modern and stylish.



[Shopping Cart Web Part](#)

ArtfulBits Shopping Cart is intended to provide ecommerce functionality. This web part provides a possibility to exhibit items for sale, its basic information, items images, and price, choose the size or other category of item, submit an order and save order in history.



[Video](#)

Video Column and Video Web Part are powerful controls made for uploading, managing, linking and playing video files. These controls support variety of video files that can be uploaded from computer, or linked from SharePoint library or streamed from direct URL.

Remarks

Information in this document may be outdated. Please, visit <https://www.sharepoint-artfulbits.com/> for the latest product version.