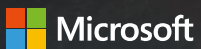




Secure Collaboration & External Sharing with AvePoint Perimeter

Microsoft
Partner



Gold Application Development
Gold Cloud Platform
Gold Cloud Productivity
Gold Collaboration and Content

Accessible content is available upon request.

Challenge: Lack of Content Control



Anytime, anywhere access leads to anytime, anywhere exploits

Accidents happen. Which leads to catastrophic data loss. Stolen secrets. Costly fines. Public relations nightmares. Loss of revenue. Angry customers. And more.

10,507,550 data lost or stolen every day*

1,901,866,611 data records compromised in first half of 2017

74% committed by a malicious outsider

18% accidental loss

8% committed by a malicious insider

*Amazon Web Services infographic

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Challenge: Shadow IT

What is it? When software, systems, or services that should be procured through an IT department are developed, installed or used without input from IT or Security.

How much money is IT spending to combat Shadow IT?

30%-50%

of IT spending in large enterprises, according to Gartner and Everest Group

According to Gartner, by 2020...

1/3

of successful attacks experienced by enterprises will be on their shadow IT resources

Who's to blame?

71%

of employees are using apps not approved by IT

Gartner says Shadow IT will result in...

1/3

of security breaches

Cisco says large enterprises use an average of 1,200 cloud services

98%

of them are Shadow IT

Shadow IT is Pricey



Data loss and downtime cost a total of

\$1.7 trillion/year

According to a recent study from EMC



Sharing documents with external parties has never been easier—or more secure! Eliminate the need for multiple sharing systems or SharePoint extranets with Perimeter.



Centralize Your Safety Controls



Know who's got access. Then lock it down.

Perimeter lets internal users initiate secure shares right from their SharePoint libraries and apply a flexible set of security options like permission control, expiration dates, and watermarks.

Administrators can monitor and control the external share usage anytime.



Seamless Integration

Share directly from the SharePoint ribbon.



Easy Collaboration

Increases user productivity by allowing them to work with anyone from a single content repository



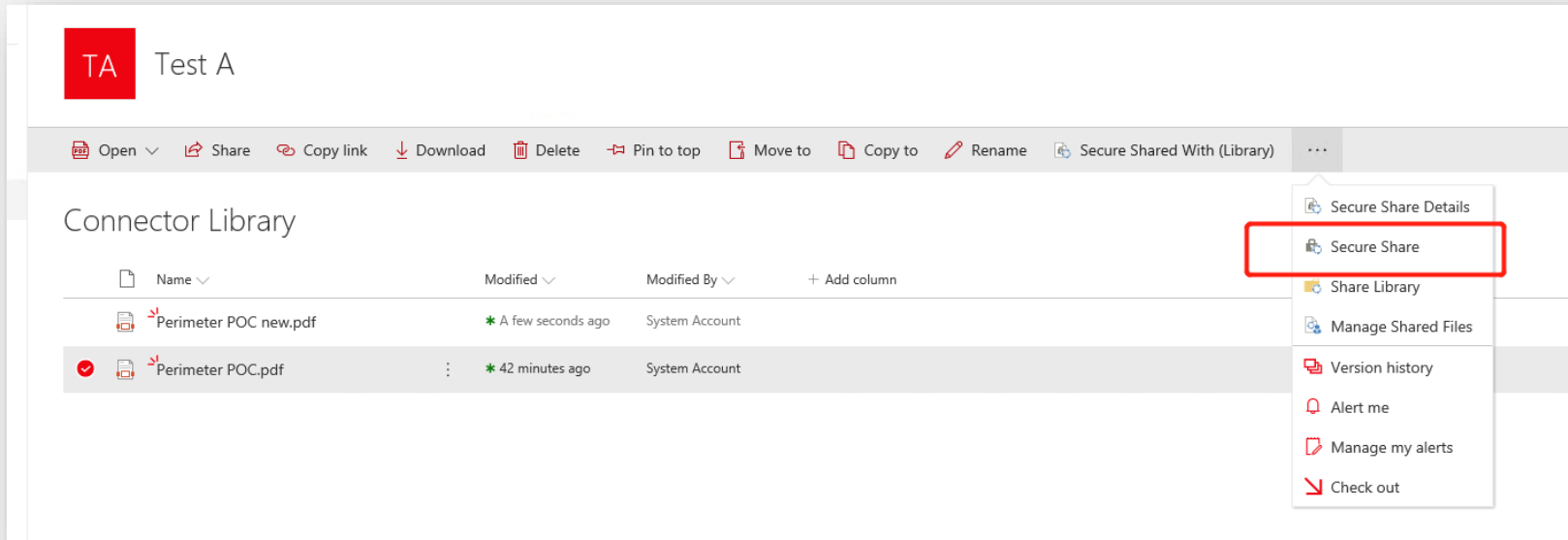
Easily Revoked

Share content for specified durations at the time of sharing or easily revoke shared content permissions.



Secure External Sharing

Internal User Share a file



Share content directly from Microsoft 365 with internal and external users, whether the recipient is an individual or an AD group, by using an embedded 'secure share' button in SharePoint or Teams.



Teams Sharing

The screenshot displays the Microsoft Teams application interface. On the left, the 'Teams' sidebar shows a list of teams: 'file-handler' and 'Contoso'. The 'General' channel is selected for both. The main area shows the 'General' channel of the 'file-handler' team. At the top, there's a search bar and a 'New' button. Below the toolbar, a table lists documents. The first document is a folder named 'testaction', which is selected. A context menu is open over this folder, showing various actions: 'Share', 'Copy link', 'Manage access', 'Delete', 'Add shortcut to OneDrive', 'Download', 'Rename', 'Open in SharePoint', 'Pin to top', 'Move to', 'Copy to', 'Folder color', and 'More'. The 'More' option is expanded, showing a list of sharing options: 'Perimeter-Custom', 'CustomFilehandler', 'Secure Share', 'Secure Share Library', 'Secure Share With', 'Secure Shared With(Library)', and 'Manage Securely Shared Files'. The bottom of the screen shows the Windows taskbar with various application icons and the system clock indicating 4:10 PM on 5/22/2024.

Teams

Discover

Your teams

file-handler

General

Contoso

General

General

Posts Files Notes

+ New Edit in grid view Share Copy link Delete Pin to top Add shortcut to OneDrive 1 selected All Documents

Documents > General

Name	Modified	Modified By	+ Add column
testaction		stin yang	
delete action.png		stin yang	

Share

Copy link

Manage access

Delete

Add shortcut to OneDrive

Download

Rename

Open in SharePoint

Pin to top

Move to

Copy to

Folder color

More

Actions

Details

Perimeter-Custom

CustomFilehandler

Secure Share

Secure Share Library

Secure Share With

Secure Shared With(Library)

Manage Securely Shared Files

Activate Windows
Go to Settings to activate Windows.



Internal User Share a file

⚠ Watermarking has been enabled. All files shared with either Read Only or Download permission will have a watermark applied.

Secure Share Type

Choose how would you like to share these items.

Select a share type:

- ☒ Require registration and verify the shared permission
☐ Verify viewers via passcode

Share With

To share files with others, please enter their e-mail addresses. If you want users to receive an e-mail notification, select the "Send e-mail notifications to these users" checkbox. To share with multiple users, separate their e-mail addresses with ";". To add a custom message into an e-mail, select the checkbox and enter your desired message in the text box below.

Invite people:

test@test.com x

☒ Send e-mail notifications to the users above

Include a personal message within the invitation (Optional)

Permission Level

Select the permission level you want to grant users for shared files, folders, or libraries.

[Learn more about permission levels](#)

Select a permission level:

- ☒ Read Only
☐ Download Files
☐ Edit
☐ Delete

Share Updates

Select whether to share updates to these files. If you select Yes, the updates will be shared via the AvePoint Perimeter External Portal or AvePoint Perimeter mobile app.

Would you like to share updates?

☒ Yes ☐ No

Specify an expiration time:

05-14-2024 17:30:49

Select a view:

All Documents v

Expiration Time

Select a date and time to indicate when the share will expire. If left blank, the share will not expire.

Specify an expiration time:

05-14-2024 17:30:49

Share View

Select a list view. The properties of the shared items will be displayed according to column settings of this view.

Select a view:

All Documents v

Share Within a Folder

If you want to group shared items together for specific users, you can configure a virtual folder for these users. The users that this folder has been shared with will access the virtual folders on the External Portal.

Enter a folder name:

Send Notification

Choose whether or not to notify the other users involved in this Secure Share event when anyone in this share event updated a shared file, and choose whether or not to notify yourself when anyone else in this share event downloaded a shared file.

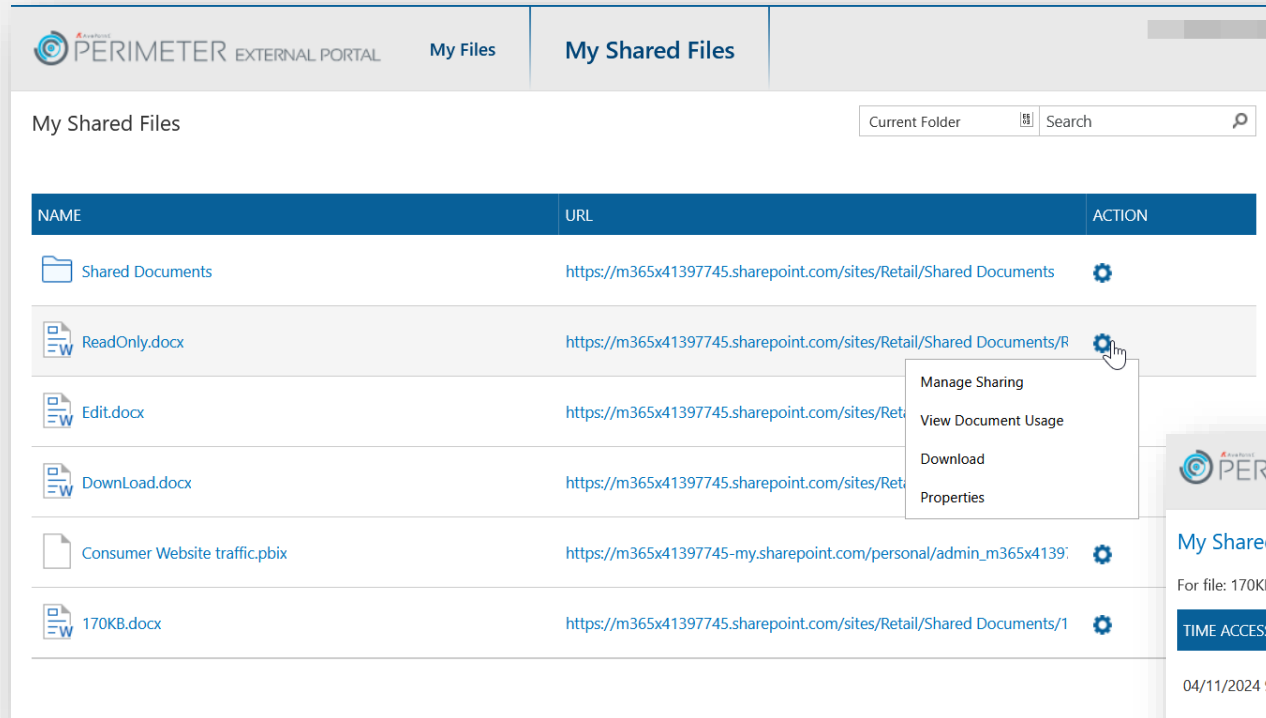
Send Notification

- ☐ Notify me when this item is viewed by anyone
☐ Notify everyone this item is shared with if the item is updated or deleted
☐ Notify me when this item is downloaded by anyone

Security controls like watermark, permission setting, expiration time.

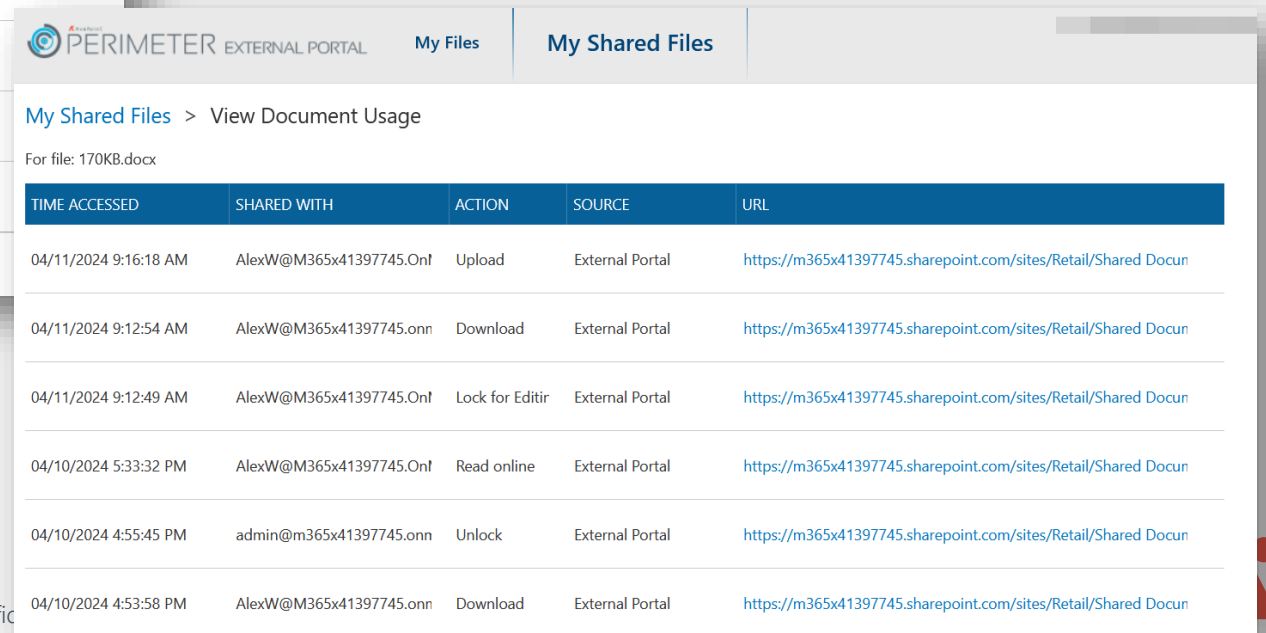
Internal users can enable notifications when shared files are used by external users

Manage Shared Files (Internal User)



Internal user access perimeter portal to view all shared files despite files shared from different sites

[View shared document usage](#)



Manage Shared Files (Internal User)


My Shared Files > Manage Sharing

For file: 170KB.docx

 Save  Cancel

Configure Notifications

Send Notification: ☒ Notify the user who shared the item when it is viewed

 **Note:** You will receive an e-mail when the shared file is viewed. This may result in you receiving many e-mails.

☐ Notify the user who shared the item when it is updated or deleted

☐ Notify the user who shared the item when it is downloaded

Manage Permissions

 Edit  Delete

<input type="checkbox"/>	SHARED BY	SHARED WITH	PERMISSION LEVEL	SHARE UPDATES	EXPIRATION TIME	NOTIFICATION ⓘ
<input checked="" type="checkbox"/>	You	doris.han@avepoint.com	Read Only	No	05/11/2024 2:12:14 F	No
<input type="checkbox"/>	You	AlexW@M365x41397745.1	Read Only	Yes	05/10/2024 5:19:04 F	No

1 of 2 selected

Internal user manage shared files, edit permission level, expiration time or revoke permissions

Edit

Shared By: You

Shared With: doris.han@avepoint.com

Permission Level:

Read Only

Share Updates:

No

Yes

Expiration Time:

05-11-2024 14:12:14

Notification ⓘ:

No

Yes

Save

Cancel



External User Experience



AvePoint Perimeter Secured Share Notification



windows server 2019 <13596086040@163.com>

To Nick Bao

If there are problems with how this message is displayed, [click here to view it in a web browser.](#)



SP Admin has shared the following with you:

[Perimeter POC.pdf](#)

If you don't have an account, you need to [Sign Up](#) for the AvePoint Perimeter External Portal.

[Learn more about AvePoint Perimeter](#)

[Contact AvePoint](#)

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External user received notifications when users shared files with them

The Perimeter administrator of your organization can enable the 2-factor authentication to secure user access to the External Portal. Internal User could use M365 single-sign-on integration

- Generate an **Access Password** via the following options:

Using your enrolled device, scan this QR code with the free AvePoint Perimeter mobile app.



Is there an issue with your camera?
[Click here to get the Login Code](#)

- If you are not automatically redirected to Perimeter External Portal, enter the **Access Password** generated

GO



Sign In

First-time user? [Sign up](#)

Username

Password

Authentication

Form Based Authentication

☐ Remember my Login [Forgot your password?](#)

Sign in

Sign in with Microsoft 365





PERIMETER EXTERNAL PORTAL nick.bao@avepoint.com

My Files Current Folder

[Upload](#) [New Folder](#)

NAME	LAST MODIFIED TIME	EXPIRATION TIME	ACTION
Perimeter POC.pdf	04/21/2021 2:42:18 PM	None	
Doc with PII.docx	01/28/2021 6:06:45 PM	None	
APP Testing.docx	01/19/2021 2:09:49 PM	None	
Shared Documents	08/31/2020 5:41:36 PM	None	

External user access External Portal to view files

Document Viewer

Not secure | cxyensp19sql.qaroot.net:16003/Portal/DocViewer/DocViewerFrame?id=164&requestSource=1

50% 1 / 60

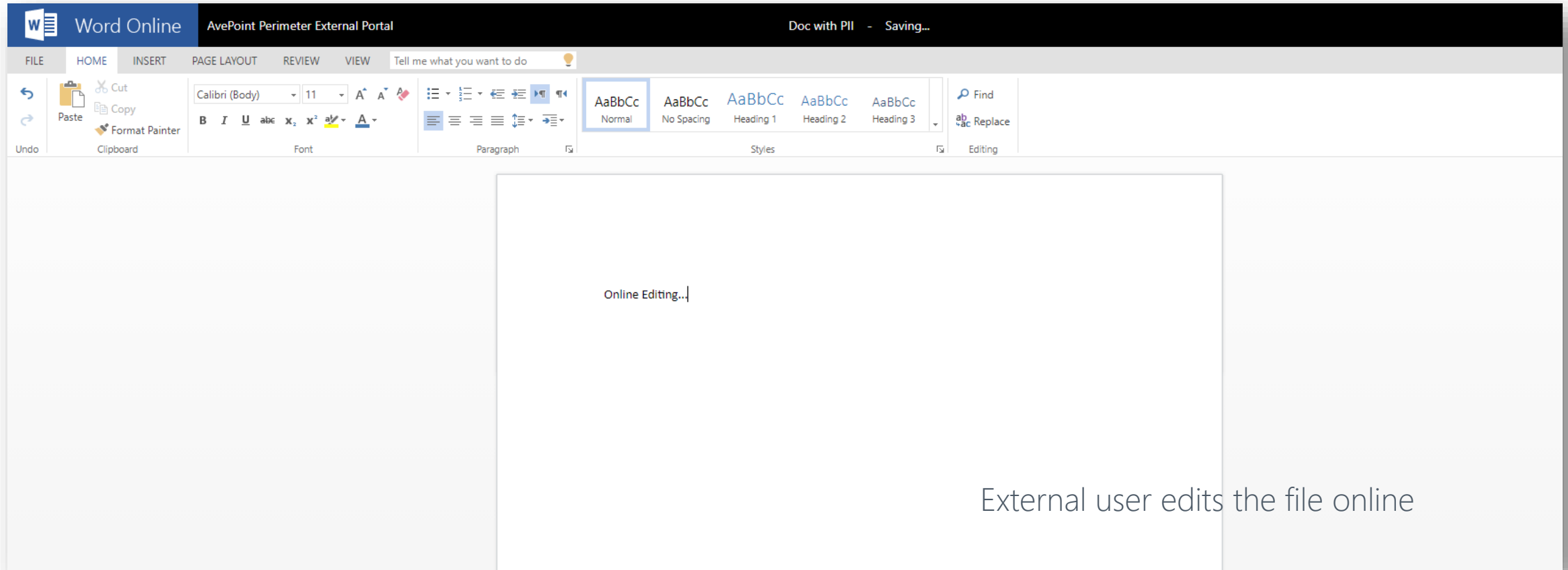
AvePoint

AvePoint Perimeter External Sharing POC

Microsoft Partner

Gold Application Development
Gold Cloud Platform
Gold Cloud Productivity
Gold Collaboration and Content

Accessible content is available upon request.



External user edits the file online

PERIMETER EXTERNAL PORTAL

My Files





Current Folder

Search

Upload

New Folder

Download

<input type="checkbox"/>	NAME	LAST MODIFIED TIME	EXPIRATION TIME	ACTION
<input type="checkbox"/>	 Edit.docx	04/11/2024 2:24:04 PM	05/10/2024 10:30:13 AM	
<input type="checkbox"/>	 170KB.docx	04/11/2024 9:16:18 AM	05/11/2024	
<input type="checkbox"/>	 ReadOnly.docx	04/10/2024 5:17:29 PM	05/10/2024	

Download

Download & Lock for Editing

Upload Edited File

Properties

External user edits the file offline

PERIMETER EXTERNAL PORTAL

My Files

Current Folder





Search

Upload

New Folder

Download

Uploading file: Edit.docx... 99%

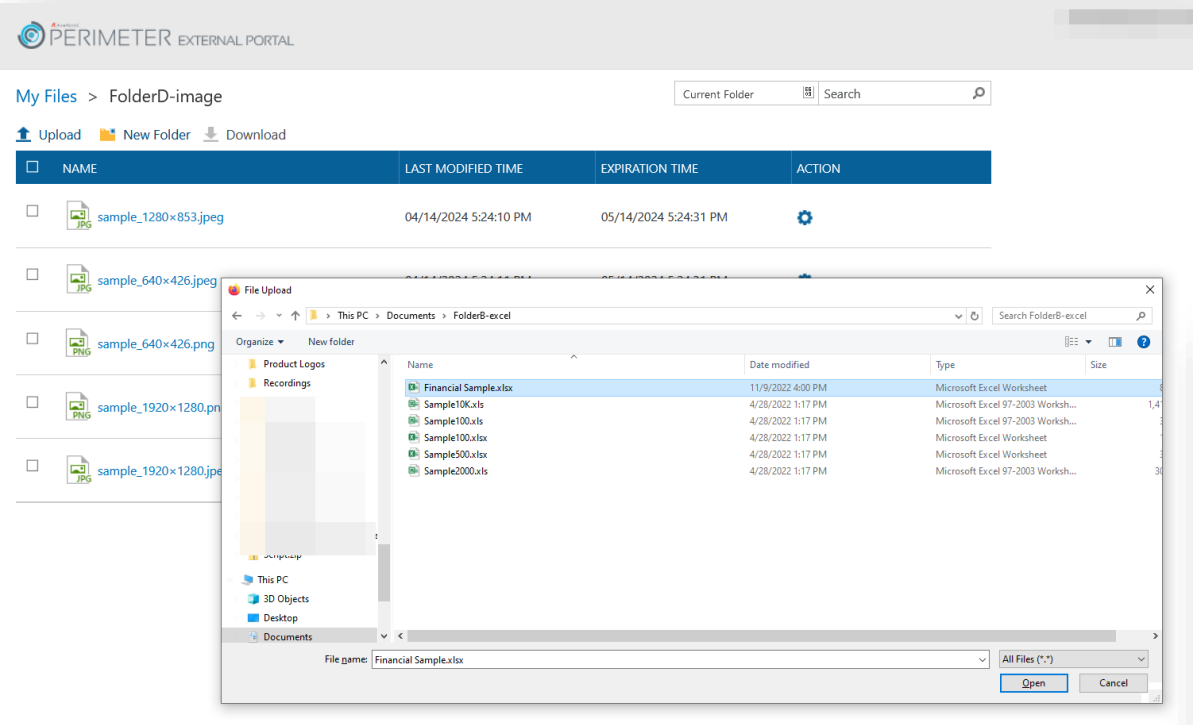
<input type="checkbox"/>	NAME	LAST MODIFIED TIME	EXPIRATION TIME	ACTION
<input type="checkbox"/>	 Edit.docx	04/11/2024 2:24:04 PM	05/10/2024 10:30:13 AM	
<input type="checkbox"/>	 170KB.docx	04/11/2024 9:16:18 AM	05/11/2024	
<input type="checkbox"/>	 ReadOnly.docx	04/10/2024 5:17:29 PM	05/10/2024	

Download

Download & Lock for Editing

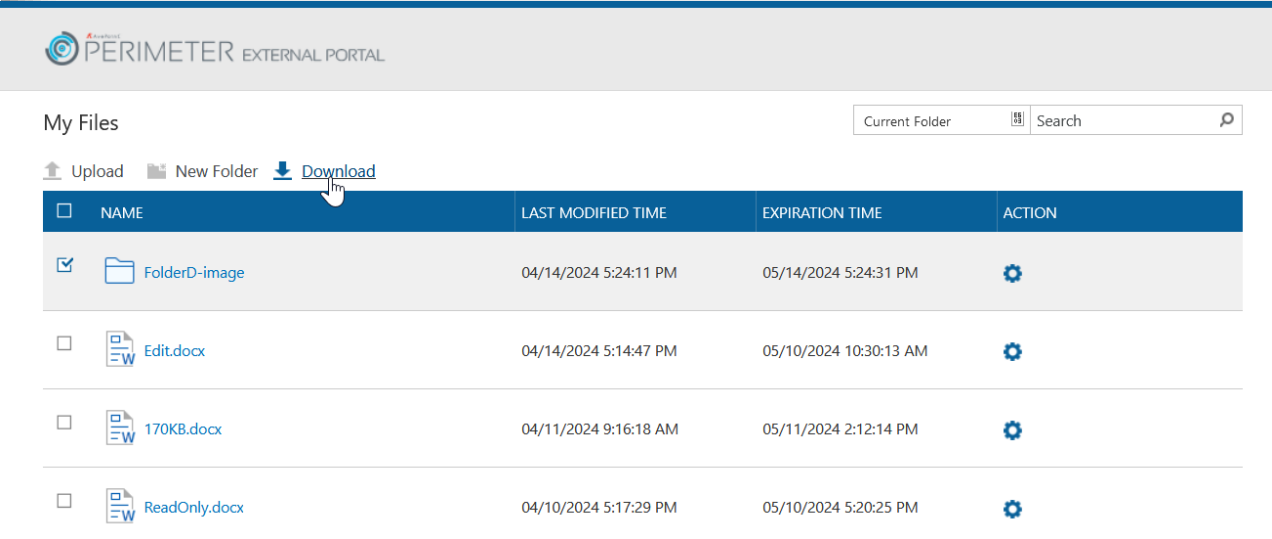
Upload Edited File

Properties



External user upload files to a folder

External user download files or a whole folder



Admin Configurations

Secure Share Customizations

Configure > Secure Share Options and Customizations

 Save  Cancel

Expiration Settings

Default Expiration Time: Expire after days

Set Up Expiration Time: ☒ Required

Maximum Expiration Time: Expiration time cannot exceed days

Metadata Setting

Metadata Information: ☒ Display metadata information on the Perimeter Portals

Permission Level Settings

Delete Permission: ☒ Allow to grant the Delete permission in Secure Share

Delete Option: ☐ Delete from SharePoint Permanently

Secure Share Type Settings

Access Code Share: ☒ Allow Access Code Share

Anonymous Share: ☐ Allow Anonymous Share

IT admin control secure share settings.

- Configure maximum expiration time
- Whether allow anonymous share
- Whether allow delete permission given to external user



Sharing Management

Manage > Manage Shared Files

Advanced Search View History View Document Usage Remove Permissions Change Permissions Manage Columns

	NAME	FILE SIZE	LAST MODIFIED TIME	SHARED BY	SHARED WITH	PERMISSION LEVEL	LAST SHARED TIME
<input type="checkbox"/>	connector folder		04/22/2021 10:41:30 AM	QAROOTDC\sp ..	nick.bao@avep..	Edit	04/22/2021 10:49:14 AM
<input type="checkbox"/>	Perimeter POC ne...	2.49MB	04/22/2021 10:41:26 AM	QAROOTDC\sp ..	nick.bao@avep..	Download	04/22/2021 10:43:40 AM
<input type="checkbox"/>	connector folder		04/21/2021 3:51:41 PM	QAROOTDC\sp ..	nick.bao@avep..	Edit	04/21/2021 3:52:36 PM
<input type="checkbox"/>	Perimeter POC.pdf	2.49MB	04/21/2021 2:42:18 PM	QAROOTDC\sp ..	nick.bao@avep..	Download	04/21/2021 2:43:49 PM
<input type="checkbox"/>	SMSDelivery.ade	258Byte	03/10/2021 10:23:55 AM	QAROOTDC\sp ..	chexiaoyue123...	Download	03/10/2021 10:24:56 AM
<input type="checkbox"/>	APP Testing.docx	25.39KB	01/19/2021 2:09:49 PM	QAROOTDC\sp ..	PerimeterAnon...	Download	02/08/2021 1:39:12 PM
<input type="checkbox"/>	Document Attribut..	684.75KB	06/22/2020 3:48:44 PM	QAROOTDC\sp ..	chexiaoyue123...	Edit	02/08/2021 1:37:31 PM
<input type="checkbox"/>	Shared Documents		N/A	QAROOTDC\sp ..	user1_ou_99@...	Read Only	01/27/2021 8:03:46 PM
<input type="checkbox"/>	demo01.pptx	50.91KB	12/21/2020 10:18:18 AM	QAROOTDC\sp ..	nick.bao@avep..	Read Only	01/27/2021 7:46:19 PM
<input type="checkbox"/>	demo01.pptx	50.91KB	12/21/2020 10:18:18 AM	QAROOTDC\sp ..	PerimeterAnon...	Download	01/27/2021 7:23:48 PM
<input type="checkbox"/>	APP Testing.docx	25.39KB	01/19/2021 2:09:49 PM	QAROOTDC\sp ..	user1_ou_99@...	Read Only	01/27/2021 7:19:26 PM
<input type="checkbox"/>	demo01.pptx	50.91KB	12/21/2020 10:18:18 AM	QAROOTDC\sp ..	user1_ou_99@...	Read Only	01/27/2021 7:19:25 PM
<input type="checkbox"/>	Shared Documents		01/13/2021 3:27:11 PM	QAROOTDC\sp ..	perimeter0@16..	Edit	01/19/2021 1:58:47 PM
<input type="checkbox"/>	APP Testing.docx	25.39KB	01/19/2021 2:09:49 PM	QAROOTDC\sp ..	perimeter0@16..	Edit	01/17/2021 12:24:44 PM

IT admin could see all shared files done by any internal users and able to revoke permissions on behalf of internal users when necessary



User Management(Internal/External)

Manage > Manage Internal Users

Advanced Search

Synchronize AD Users

Enroll New Device

Manage Columns

	USERNAME	E-MAIL ADDRESS	ENROLLED DEVICES	LAST SHARED TIME	LAST LATITUDE/L...	LAST LOCATION	LAST REGION	LAST DISTRICT
<input type="checkbox"/>	QAROOTDC\byod_use...	123@123.com	0	N/A	Unavailable			
<input type="checkbox"/>	QAROOTDC\dwu'test	dwu'test@qaroot.n..	0	N/A	Unavailable			
<input type="checkbox"/>	QAROOTDC\sjiang	admin@M365x009..	0	N/A	Unavailable			

Manage > Manage External Users

Advanced Search

Edit Profile

+ Add

Resend Activation E-mail

Activate

Enable

Disable

Delete

Manage Columns

	USERNAME	E-MAIL ADDRESS	ENROLLED ...	LAST LATITUDE/LONGI...	LAST LOCATION	LAST REGION	AUTHENTICATI...	STATUS
<input type="checkbox"/>	1191859615@qq.c...	1191859615@qq..	0	Unavailable			Form Based Au...	Pending
<input type="checkbox"/>	13596086040@16...	13596086040@1...	0	Unavailable			Form Based Au...	Active
<input type="checkbox"/>	18204310668@16...	18204310668@1...	0	Unavailable			Form Based Au...	Pending
<input type="checkbox"/>	chexiaoyue1234@...	chexiaoyue1234...	1	43.7729502051986 , 125..	Undefined		Form Based Au...	Active
<input type="checkbox"/>	jean@netways.com	jean@netways.co..	0	Unavailable			Form Based Au...	Pending Registration
<input type="checkbox"/>	nick.bao@avepoi...	nick.bao@avepoi..	0	Unavailable			Form Based Au...	Active
<input type="checkbox"/>	perimeter0@163.c...	perimeter0@163...	0	Unavailable			Form Based Au...	Active
<input type="checkbox"/>	PerimeterAnonym...	PerimeterAnony...	0	Unavailable			Form Based Au...	Pending Registration
<input type="checkbox"/>	sfayad@netways.c...	sfayad@netways...	0	Unavailable			Form Based Au...	Pending Registration
<input type="checkbox"/>	testa	123@test.com	0	Unavailable			Form Based Au...	Pending Registration



IT admin could manager all internal user and external user, block access when necessary



Watermark Settings


Configure > Watermark Settings > Configure

For Web Application: SharePoint - 11111

 Save  Cancel

Watermark

Watermark: ☒ Enable watermarking

 Notice:

- The files shared with either Read Only or Download permission will have the watermark applied.
- The shared files will be automatically converted to PDF format with watermark applied. Additionally, the files that cannot be converted to PDF will not be protected with watermark.
- The following file types can be protected with watermark: .docx, .doc, .pptx, .ppt, .xlsx, .xls, .txt, .vsd, .vsdx, .mpp, .pdf, .dwg, .htm, .html, .xps, .pcl, .svg, .png, .jpg, and .gif.

Watermark Settings

Text:

Font:

Size:

Color:

☐ Semitransparent

Layout: ☒ Diagonal ☐ Horizontal

Repeat: ☒ Repeat the text



Domain control

The screenshot displays the 'Configure > Secure Share Control Policy' interface. A green notification bar at the top states 'Successfully saved the User and Group Restriction.' Below this, the 'Domain Restriction' tab is active, showing a section titled 'Restrict the domains to which recipients of external secure shares can belong.' This section includes a 'Type' selector with 'White List' selected, and two input fields: 'Allowed Domain' with 'example.com' and 'Allowed Domain List' with '163.com'. Below the browser window, the 'Secure Share' page is visible, showing 'Secure Share Type' options and a 'Share With' section. The 'Invite people' field is highlighted with a red box, containing two email addresses: 'demi_04102@163.com' and 'demi_04102@126.com'. The 'Send e-mail notifications to the users above' checkbox is also checked.

Configure > Secure Share Control Policy

Successfully saved the User and Group Restriction.

Save Cancel

License Consumption Restriction User and Group Restriction **Domain Restriction** Document Attribute Based Restriction

Domain Restriction

Restrict the domains to which recipients of external secure shares can belong.

Type: ☒ White List ☐ Black List

Allowed Domain: example.com Add

Allowed Domain List: 163.com Remove

Secure Share Type

Choose how would you like to share these items.

Select a share type:

☒ Require registration and verify the shared permission

☐ Accessible to anyone through links

☐ Verify viewers via passcode

Share With

To share files with others, please enter their e-mail addresses. If you want users to receive an e-mail notification, select the "Send e-mail notifications to these users" checkbox. To share with multiple users, separate their e-mail addresses with ";". To add a custom message into an e-mail, select the checkbox and enter your desired message in the text box below.

Invite people:

demi_04102@163.com x demi_04102@126.com x

☒ Send e-mail notifications to the users above

Include a personal message within the invitation (Optional)



User and Group Restriction

AvePoint Perimeter

Home Manage Report **Configure** Job Monitor

Configure > Secure Share Control Policy

✓ Successfully saved the User and Group Restriction.

Save Cancel

License Consumption Restriction **User and Group Restriction** Domain Restriction Document Attribute Based Restriction

User and Group Restriction

By default, users and groups can Share by granting one of all available permission levels. Rules can be set below to restrict this for some users and groups. When the rules are configured, only the users who meet the rule conditions can Secure Share items by granting prescribed permission levels.

	Rule	Condition	Value	Share Type
<input type="checkbox"/>	AD and Microsoft 365 User/Group	Equals	MOD Administrator	Delete

图片

→ ↻ Home Not secure https://sp22-s.dlqa.com:16003/Portal/PerimeterOnline/ProcessShareAction

Managed bookmarks Home | Microsoft 365 Perimeter Online ... (12封未读) 网易邮...

You are not allowed to use Perimeter. Please contact your administrator.

Secure Share Type
Choose how would you like to share these items.

Share With
To share files with others, please enter their e-mail addresses. If you want users to receive an e-mail notification, select the "Send e-mail notifications to these users" checkbox. To share with multiple users, separate their e-mail addresses with ";". To add a custom message into an e-mail, select the checkbox and enter your desired message in the text box below.

Online: demi

Select a share type:

- ☒ Require registration and verify the shared permission
- ☐ Accessible to anyone through links
- ☐ Verify viewers via passcode

Invite people:

WS





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www.AvePoint.com



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