



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



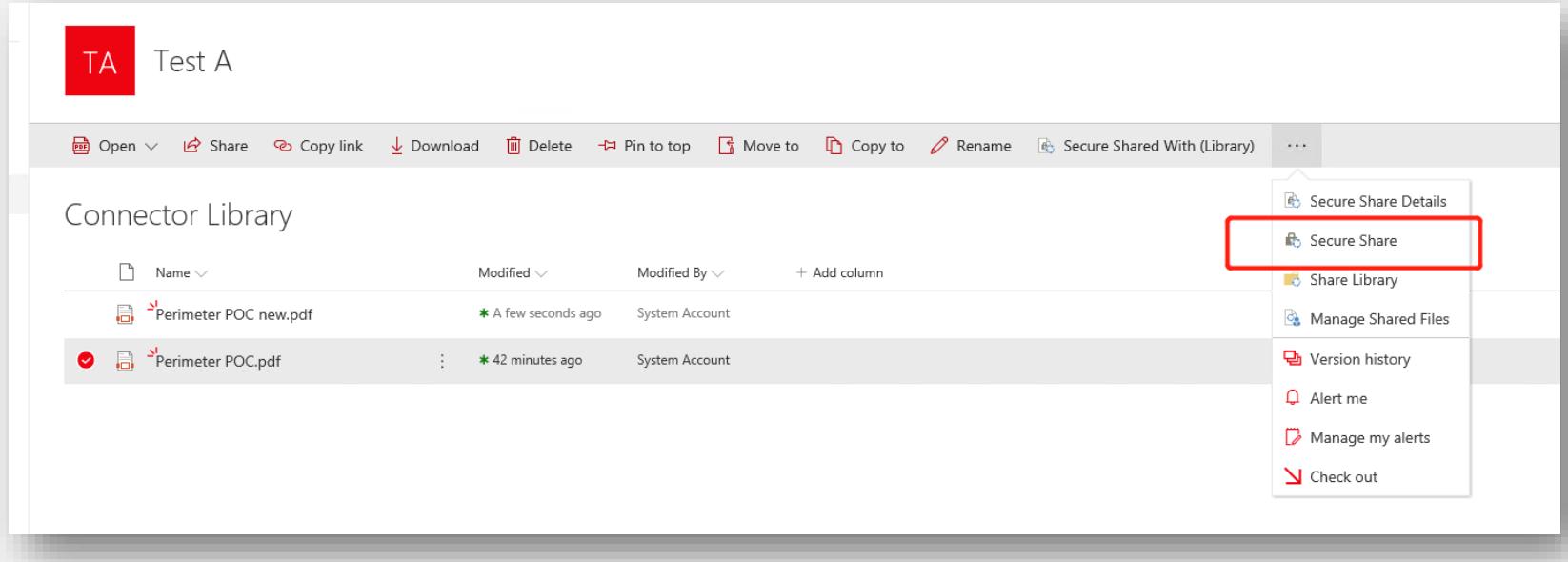
Easily Revoked

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 shows the Microsoft Teams interface with a focus on file sharing. On the left, the sidebar includes Activity, Chat, Teams (selected), Calendar, Calls, OneDrive, Viva Connect, and Apps. The main area displays a 'General' channel with tabs for Posts, Files (selected), Notes, and a '+' button. A search bar at the top right contains the text 'Search'. The 'Files' tab shows a grid view of documents under 'Documents > General'. A context menu is open over a folder named 'testaction', listing options such as 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 (Perimeter-Custom), Details (CustomFilehandler), Secure Share, Secure Share Library, Secure Share With, Secure Shared With(Library), and Manage Securely Shared Files. The 'Secure Share' option is highlighted. The status bar at the bottom shows the date and time as 5/22/2024 4:10 PM.



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.

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.

Permission Level
Select the permission level you want to grant users for shared files, folders, or libraries.
[Learn more about permission levels](#)

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.

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

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

Select a share type:
 Require registration and verify the shared permission
 Verify viewers via passcode

Invite people:
test@test.com

Send e-mail notifications to the users above
Include a personal message within the invitation (Optional)

Select a permission level:
 Read Only
 Download Files
 Edit
 Delete

Would you like to share updates?
 Yes No

Specify an expiration time:
05-14-2024 17:30:49

Select a view:
All Documents

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

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

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.

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.

Security controls like watermark, permission setting, expiration time.

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

Specify an expiration time:
05-14-2024 17:30:49

Select a view:
All Documents

Enter a folder name:

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



Manage Shared Files (Internal User)

NAME	URL	ACTION
Shared Documents	https://m365x41397745.sharepoint.com/sites/Retail/Shared Documents	
ReadOnly.docx	https://m365x41397745.sharepoint.com/sites/Retail/Shared Documents/R	
Edit.docx	https://m365x41397745.sharepoint.com/sites/Ret	
DownLoad.docx	https://m365x41397745.sharepoint.com/sites/Ret	
Consumer Website traffic.pbix	https://m365x41397745-my.sharepoint.com/personal/admin_m365x4139	
170KB.docx	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/1	

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

View shared document usage

TIME ACCESSED	SHARED WITH	ACTION	SOURCE	URL
04/11/2024 9:16:18 AM	AlexW@M365x41397745.Onf	Upload	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx
04/11/2024 9:12:54 AM	AlexW@M365x41397745.onn	Download	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx
04/11/2024 9:12:49 AM	AlexW@M365x41397745.Onf	Lock for Edit	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx
04/10/2024 5:33:32 PM	AlexW@M365x41397745.Onf	Read online	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx
04/10/2024 4:55:45 PM	admin@m365x41397745.onn	Unlock	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx
04/10/2024 4:53:58 PM	AlexW@M365x41397745.onn	Download	External Portal	https://m365x41397745.sharepoint.com/sites/Retail/Shared%20Documents/170KB.docx

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.u	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: Yes No

Expiration Time: 05-11-2024 14:12:14

Notification : Yes No

Save Cancel



External User Experience



AvePoint Perimeter Secured Share Notification



windows server 2019 <13596086040@163.com>

To Nick Bao

[i](#) 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 by the mobile app.

 GO

The screenshot shows the AvePoint PERIMETER EXTERNAL PORTAL sign-in interface. At the top, the AvePoint logo and the text "PERIMETER EXTERNAL PORTAL" are displayed. Below this, there are four icons arranged in a 2x2 grid: "Trusted Users" (two people icon), "Trusted Locations" (location pin icon), "Trusted Devices" (mobile phone icon), and another icon that appears to be related to the QR code or mobile app. To the right of these icons is the "Sign In" section. It includes fields for "Username" (with a placeholder "Enter Username") and "Password" (with a placeholder "Enter Password"). Below these fields is a dropdown menu for "Authentication" set to "Form Based Authentication". There is also a checkbox for "Remember my Login" and a link for "Forgot your password?". At the bottom of the sign-in form is a "Sign in" button and a "Sign in with Microsoft 365" option.



PERIMETER EXTERNAL PORTAL

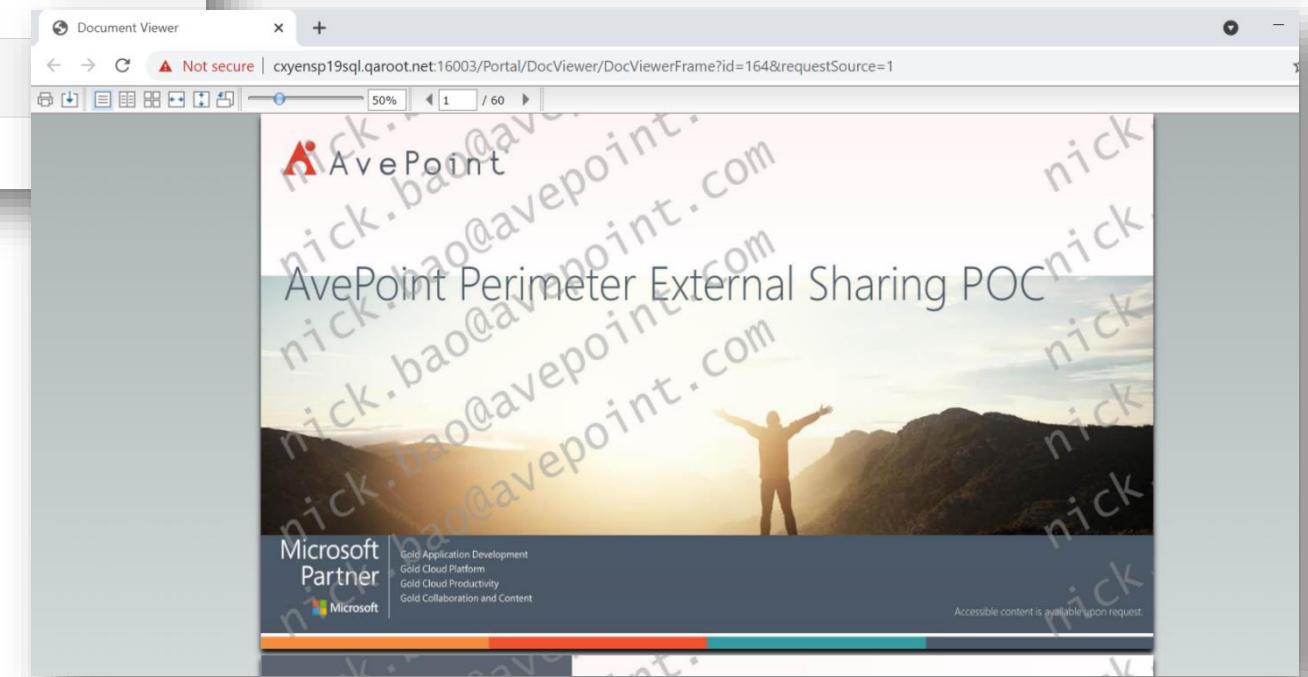
nick.bao@avepoint.com

My Files

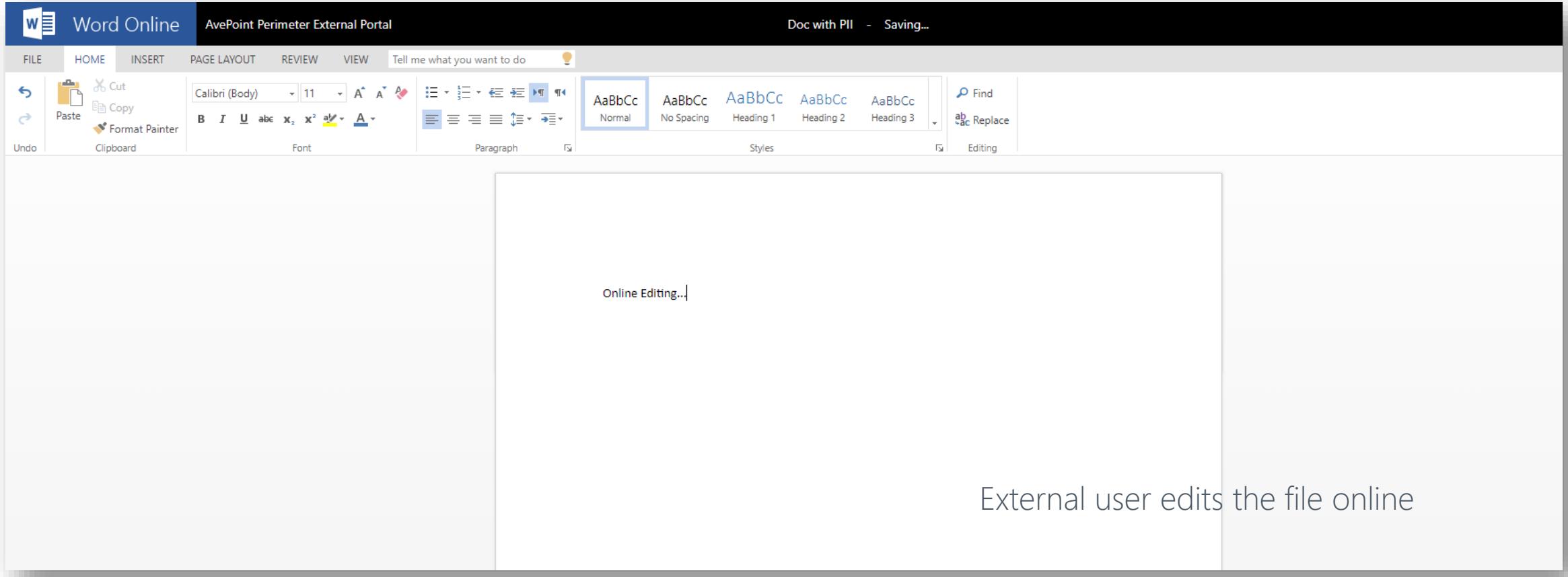
Current Folder Search

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



The screenshot shows the Microsoft Word Online interface. The top navigation bar includes the Word Online logo, the title "AvePoint Perimeter External Portal", and the status "Doc with PII - Saving...". The ribbon menu has tabs for FILE, HOME, INSERT, PAGE LAYOUT, REVIEW, and VIEW. A search bar says "Tell me what you want to do". The ribbon is followed by a toolbar with standard editing icons: Undo, Paste, Cut, Copy, Format Painter, and Clipboard. Below the ribbon is the Home tab ribbon, which includes sections for Font (with Calibri (Body) selected), Paragraph (with alignment and spacing controls), Styles (with Normal selected), and Editing (with Find and Replace buttons). The main content area is a large white box containing the text "Online Editing..|". In the bottom right corner of this box, there is a caption: "External user edits the file online".

PERIMETER EXTERNAL PORTAL

My Files

Current Folder | Search

Upload New Folder Download

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

Download
Download & Lock for Editing
Upload Edited File
Properties

Uploading file: Edit.docx... 99%

External user edits the file offline

PERIMETER EXTERNAL PORTAL

Uploading file: Edit.docx... 99%

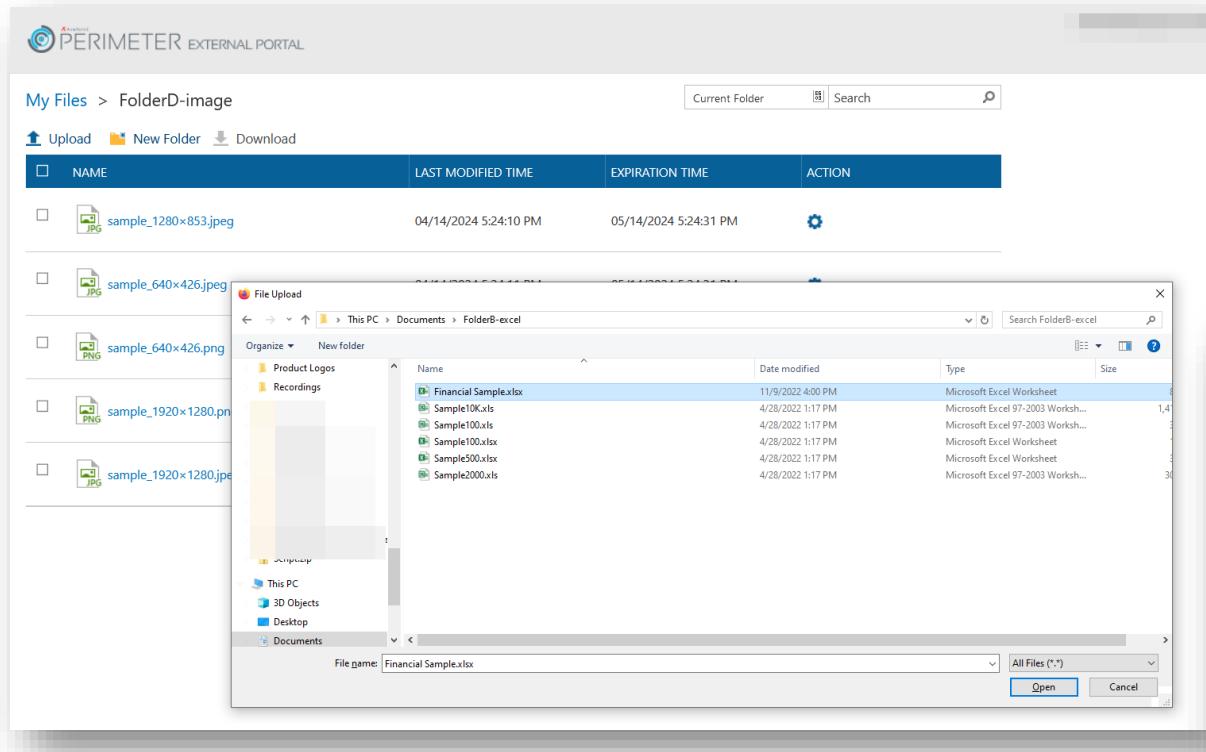
My Files

Current Folder | Search

Upload New Folder Download

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

Download
Download & Lock for Editing
Upload Edited File
Properties

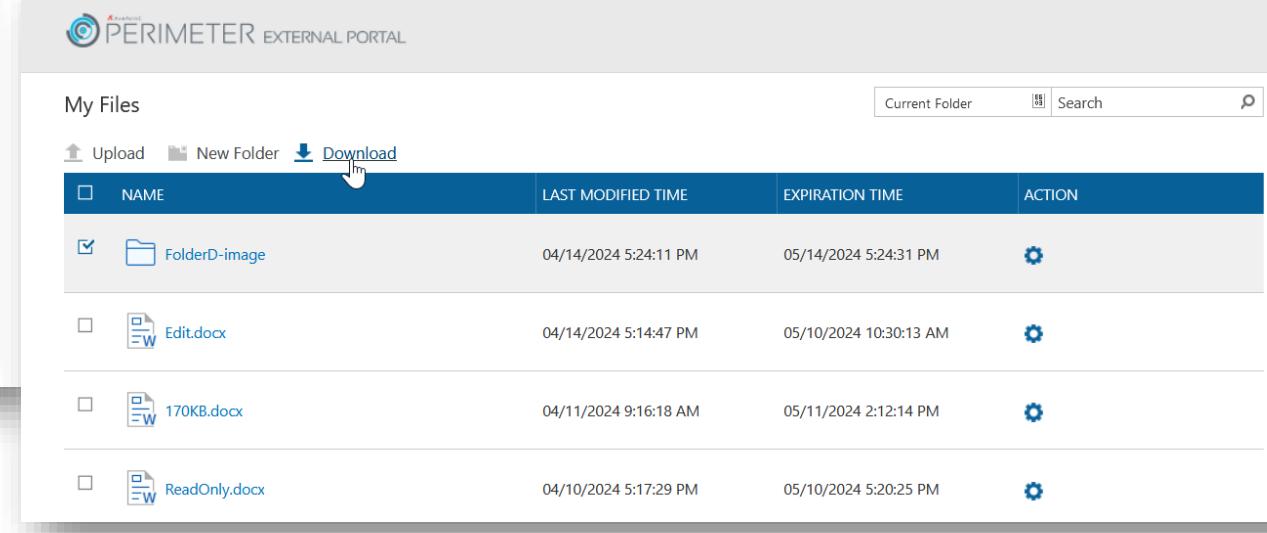


The screenshot shows the AvePoint PERIMETER EXTERNAL PORTAL interface. A file upload dialog is open, showing a list of Excel files in a folder named 'FolderB-excel'. The dialog includes a 'File Upload' button, a navigation bar, and a search bar. The main area displays a table of files with columns: NAME, LAST MODIFIED TIME, EXPIRATION TIME, and ACTION.

NAME	LAST MODIFIED TIME	EXPIRATION TIME	ACTION
sample_1280x853.jpeg	04/14/2024 5:24:10 PM	05/14/2024 5:24:31 PM	
sample_640x426.jpeg			
sample_640x426.png			
sample_1920x1280.png			
sample_1920x1280.jpeg			

External user upload files to a folder

External user download files or a whole folder



The screenshot shows the AvePoint PERIMETER EXTERNAL PORTAL interface. A download dialog is open, showing a list of files. The dialog includes a 'Download' button, a navigation bar, and a search bar. The main area displays a table of files with columns: NAME, LAST MODIFIED TIME, EXPIRATION TIME, and ACTION.

NAME	LAST MODIFIED TIME	EXPIRATION TIME	ACTION
FolderD-image	04/14/2024 5:24:11 PM	05/14/2024 5:24:31 PM	
Edit.docx	04/14/2024 5:14:47 PM	05/10/2024 10:30:13 AM	
170KB.docx	04/11/2024 9:16:18 AM	05/11/2024 2:12:14 PM	
ReadOnly.docx	04/10/2024 5:17:29 PM	05/10/2024 5:20:25 PM	

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

Search 

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

<input type="checkbox"/>	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

USERNAME	E-MAIL ADDRESS	ENROLLED DEVICES	LAST SHARED TIME	LAST LATITUDE/LONGI...	LAST LOCATION	LAST REGION	LAST DISTRICT
QAROOTDC\byod_use...	123@123.com	0	N/A		Unavailable		
QAROOTDC\dwu'test	dwu'test@qaroot.n...	0	N/A		Unavailable		
QAROOTDC\sjiang	admin@M365x009..	0	N/A		Unavailable		

Manage > Manage External Users

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

IT admin could manage 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

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

Allowed Domain List: 163.com

Secure Share Type

Choose how 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

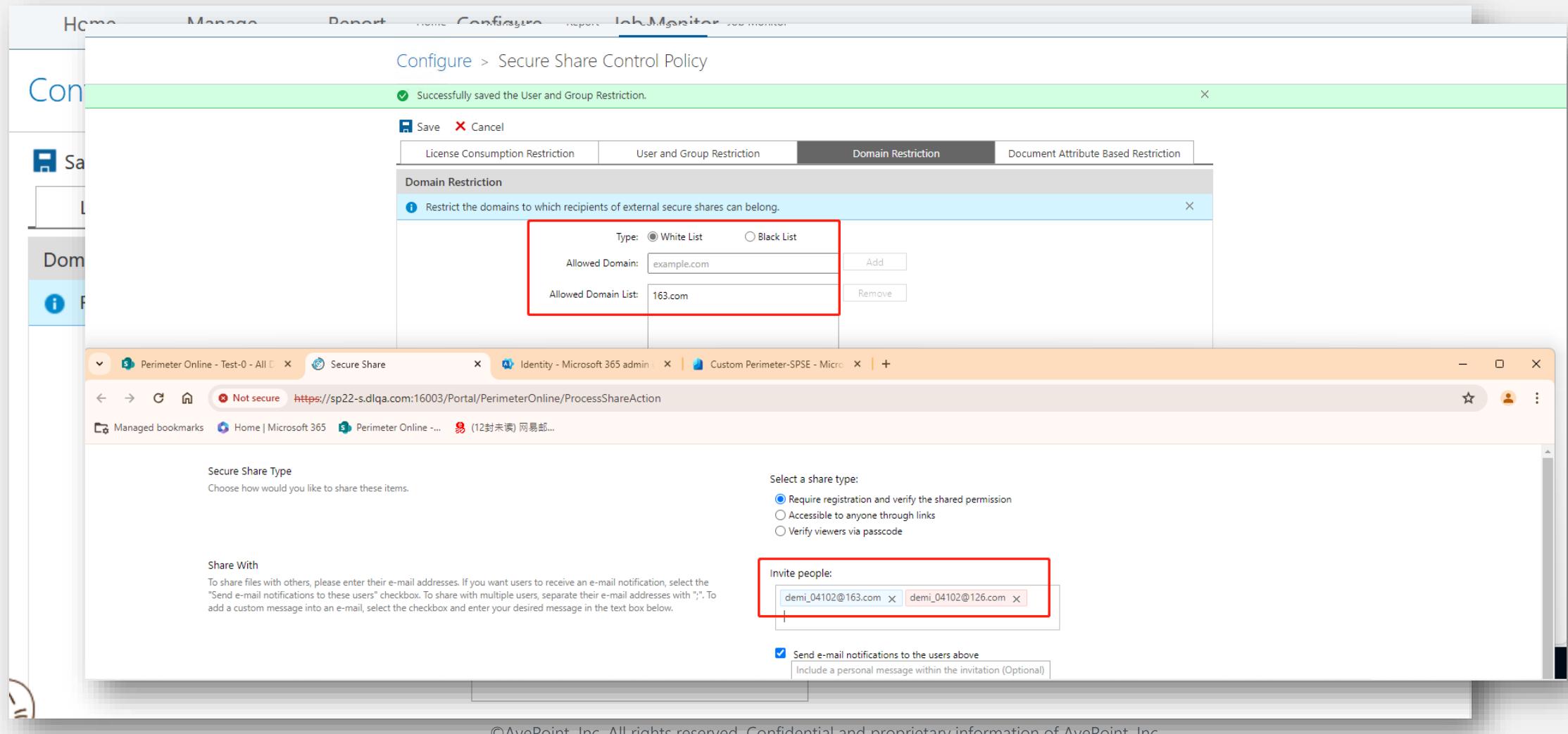
To share files with others, please enter their e-mail addresses. If you want users to receive an e-mail notification, select the "Send e-mail notifications to these users" checkbox. To share with multiple users, separate their e-mail addresses with ";". To add a custom message into an e-mail, select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

Invite people:

demi_04102@163.com demi_04102@126.com

Send e-mail notifications to the users above
Include a personal message within the invitation (Optional)

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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
AD and Microsoft 365 User/Group	Equals	MOD Administrator	Delete

图片

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.

Online: demi

Select a share type:

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

Invite people:

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in **tw** **yo** **f** **g+**