



Debunking Myths

Studying the truth behind native Office 365 backup and recovery gaps

Microsoft
Partner



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

Accessible content is available upon request.

About the Presenters



John Hodges

Vice President of Product Strategy, AvePoint

John is Vice President of Product Strategy at AvePoint, focusing on developing compliance solutions that address modern data privacy, classification, and data protection needs for organizations worldwide. John has been actively engaged in the SharePoint community for several years, working with many Fortune 500 companies to drive sustainable adoption of Microsoft technology and optimize SharePoint's larger purpose-built implementations. John's insights and opinions on modern Information Technology can be found in various industry publications, as well as throughout this numerous speaking sessions in webinars and at events worldwide.



Eddie Lee

Senior Solutions Engineer, AvePoint

Eddie is a senior solution engineer supporting AvePoint's Public Sector Practice. In this role he advises his customers in regulated industries such as Federal, State, Local, and Healthcare agencies in maximizing their cloud user experience by creatively tailoring solutions to maximize their cloud investments. In his 15 years of experience he has supported Civilian, DoD, and Intelligence organizations.



About AvePoint

Migrate. Manage. Protect.



AvePoint is headquartered and maintains its principal operational center in Jersey City, NJ, with approximately 1,600 employees located in wholly owned operational centers on six continents.

From Tahoe
to Today

Inc. Magazine
**Hire Power
Award**

Ernst & Young
**Entrepreneur
of the Year**

Windows IT Pro
**Best SharePoint
Product**

Deloitte
**Technology
Fast 500**

15K

Customers

6M

Cloud Users

88

Countries

7

Continents



Microsoft
Partner



2017 Partner of the Year Winner
Public Sector: Microsoft CityNext Award

2016 Partner of the Year Winner
Technology for Good Citizenship Award

2015 Partner of the Year Winner
Collaboration and Content

2014 Partner of the Year Winner
Public Sector: Public Safety and National Security



Goal: Developing Scalable Backups



1. What are we protecting against?
2. What are my native options?
3. What should I really be worried about protecting?
4. Creating a backup and recovery strategy that scales!



1. What are we protecting against?

More Common Data Loss Events...



User-Driven Errors

- "I've misplaced a document... the URL I have doesn't work anymore!"
- "The document version I have is corrupted, all my changes are missing!"
- "I accidentally deleted a planner task, I can't find the history anymore!"

Admin-Driven Errors

- "I've updated the apps on my site, but I need to roll back some changes."
- "I've broken the inheritance on my site, people can't see my files anymore!"
- "A user left the company 6 months ago, but we forgot their retention policy!"



Regulations Mandate Backups!

Cybersecurity Maturity Model Certification (CMMC)

Cybersecurity Maturity Model Certification **Version 0.7**

Recovery (RE) P1137: Regularly perform and test data back-ups.

REFERENCES

- ISO/IEC 27001 A.12.3.1
- NIST CSF v1.1 PR.IP-4
- CIS Controls v7.1 10.1 and 10.3

DISCUSSION

Back-ups are used to recover data in the event of a hardware or software failure. Back-ups should be performed regularly based on an organizational defined frequency. They should be tested regularly to ensure they are performing as expected.

CLARIFICATION

Back up your organizational data so you can recover it if a hardware failure, software failure, or malware infection occurs. You can schedule backups to run automatically or manually. Many operating systems include a built-in feature to perform data backups.

After you create a backup, it is important to test it on a regular basis. When you test a backup, verify that the operating system, applications, and data are intact and functional. If you test data backups regularly, you will be in a better position to recover systems and files more efficiently if a failure or infection occurs.

Example

You are responsible for IT in your organization. One of your jobs is to make sure you can restore data if a serious event happens, such as a disaster, a hard drive failure, or a software problem. You have a back-up procedure in place where you back up all your data weekly on a back-up server. You set this up to occur automatically each weekend because it takes a lot of resources to perform a back-up. You verify your back-ups every month. This ensures that your data is correct. It also confirms that you can use the data if you need to recover your systems.

https://www.acq.osd.mil/cmmc/docs/CMMC_Version0.7_UpdatedCompiledDeliverable_20191209.pdf



Walls Construction Protects Critical Data From Ransomware Attack With AvePoint Cloud Backup

Following their roll out of Office 365 and SharePoint Online, Walls experienced an incident with one of their members of staff being hit with a malicious ransomware attack. The staff member's OneDrive was replicated and then deleted, resulting in the complete loss of that user's data.

"With the amount of control that Office 365 brings to end users, it is not realistic for a company to completely monitor every deletion. So we had to have a way to very quickly and easily recover from something like this, and began evaluating Office 365 backup products..."

<https://www.avepoint.com/case-studies/walls-construction>



2. What does my policy cover?

More Common Data Loss Events...



User-Driven Errors

- "I've misplaced a document... the URL I have doesn't work anymore!"
- "The document version I have is corrupted, all my changes are missing!"
- "I accidentally deleted a planner task, I can't find the history anymore!"

Examples:

- Native versioning control in-client
- Native recycle bin settings in-browser
- Native "Files Restore" in Teams / OneDrive



Example: Files Versioning / Recycle Bin

The screenshot displays the OneDrive web interface. The top navigation bar is blue with the OneDrive logo and a search bar. Below this, a secondary bar shows navigation icons and a user profile picture. The main content area is titled 'Recycle bin' and contains a table of deleted files. A sidebar on the left lists navigation options, with 'Recycle bin' highlighted. The table lists two files: 'Contoso Purchasing Permissions....' and 'CR-227 Product Overview.docx', both deleted on 5/6/2019. Below the table, a message suggests checking the 'Second-stage recycle bin' if the user can't find what they're looking for. At the bottom, a table shows two files: 'Contoso Patent Template.docx' and 'Contoso Purchasing Data - Q1 ...', both dated March 16.

OneDrive

Search everything Delete Restore 1 selected

Megan Bowen

- Files
- Recent
- Shared
- Recycle bin

Shared libraries

- HR
- Project Web App
- Mark 8 Project Team

X1050 Launch Team

Contoso IT

Recycle bin

Name	Date deleted	Deleted by	Created by	Original location
Contoso Purchasing Permissions....	5/6/2019 9:32 PM	Megan Bowen	Megan Bowen	personal/meganb_m365x884154_onmicrosoft_com/Documents
CR-227 Product Overview.docx	5/6/2019 9:32 PM	Megan Bowen	Megan Bowen	personal/meganb_m365x884154_onmicrosoft_com/Documents

Can't find what you're looking for? Check the [Second-stage recycle bin](#)

Contoso Patent Template.docx	March 16	Megan Bowen	83.6 KB	Private
Contoso Purchasing Data - Q1 ...	March 16	Megan Bowen	21.5 KB	Private



Restore your OneDrive

If something went wrong, you can restore your OneDrive to a previous time. Select a date preset or use the slider to find a date with unusual activity in the chart. Then select the changes that you want to undo.

Select a date

Custom date and time

Yesterday

One week ago

Three weeks ago

Custom date and time

All changes after 3/20/2018 4:25:54 PM will be rolled back



✓	Deleted by John Hodges 6:44:23 PM	Microsoft ADG Update March 2018.mp4
✓	14 days ago - 3/6/2018 (3)	
✓	Added by John Hodges 3:48:17 AM	Value of Server Products.pptx

Limitations and troubleshooting

- Files Restore uses version history and the recycle bin to restore OneDrive, so it's subject to the same restrictions as those features. When version history is turned off, Files Restore won't be able to restore files to a previous version. For information about versioning settings, see [Enable and configure versioning for a list or library](#).

Settings

Search all settings

Site settings

Go to site settings for this site.

Theme

Jelly Fish

Start page

People

Notifications

Off

Password

Change your password.

OneDrive

Restore your OneDrive

Restore X1050 Launch Team - Documents



X1050 Launch Team

Public group

Search

Home

Conversations

Documents

Shared with us

Notebook

Pages

Site contents

Recycle bin

Edit

+ New Upload Sync Export to Excel Flow ...

Documents

Name	Modified
Design	March 16
Digital Assets Web	March 16
General	March 16
Go to Market Plan	March 16
Launch Event	March 16
Legal and Compliance	March 16
Web and Social Trends	March 16
Fabrikam3DPrinterBrochure.pptx	March 16
Product Launch.pptx	March 16



Microsoft Teams

Activity



Chat



Teams



Calendar



Files



Your teams



X1050 Launch Team

General

Design

Digital Assets Web**Go to Market Plan**

Launch Event

Legal and Compliance

Web and Social Trends



Contoso Sales

General



Updated by Megan Bowen 1:01:40 AM



Usability Testing Priorities.docx



Example: I've deleted a planner task...

No safety net for some user content:

The screenshot displays the AvePoint Planner application interface. On the left is a dark sidebar with navigation options: 'New plan', 'Planner hub', 'My tasks', 'Favorites', and 'Recent plans'. The main area shows a board view for an 'Event Plan'. The board is divided into four columns: 'To Do', 'Presentation', 'Press', and 'Venue'. Each column contains a list of tasks. A context menu is open over the 'Schedule Post Event Press Interviews' task in the 'Press' column. The menu options are: 'Label', 'Assign', 'Copy task', 'Copy link to task', and 'Delete'. A red arrow points to the 'Delete' option, which is highlighted with a red border. The 'Delete' option is the only one that is not disabled, indicating that users can delete tasks without any confirmation or safety net.



More Common Data Loss Events...

Admin-Driven Errors



"I've updated the apps on my site, but I need to roll back some changes."

"I've broken the inheritance on my site, people can't see my files anymore!"

"A user left the company 6 months ago, but we forgot their retention policy!"

Examples:

- Native second-level recycle bins
- Native restore requests
- Native soft-delete policies



Office 365Admin

Exchange admin center

dashboard

recipients

permissions

compliance management

organization

protection

advanced threats

mail flow

mobile

public folders

unified messaging

hybrid

mailboxesgroupsresourcescontactssharedmigration

GROUPS

IN OUTLOOK

Create a group

UPGRADE

DISTRIBUTION LISTS

Get started

New Office 365 group

new

DISPLAY NAME	GROUP TYPE	STATUS	EMAIL ADDRESS
All Employees	Distribution list	Active	Employees@M365x884154.onmicro...
Business Development	Office 365	Active	BusinessDevelopment@M365x8841...
Commercial Lending	Office 365	Active	CommercialLending@M365x884154...
Contoso #02	Office 365	Active	Contoso02@M365x884154.onmicro...
Contoso #02	Office 365	Active	StaffHubfeacb@M365x884154.onmi...
Contoso Finance	Office 365	Active	ContosoFinance@M365x884154.on...
Contoso IT	Office 365	Active	ContosoIT@M365x884154.onmicros...
Contoso Sales	Office 365	Active	ContosoSales@M365x884154.onmi...
DG-2000 Feedback	Office 365	Active	dg-2000feedback@M365x884154.o...
DG-2000 Product Team	Office 365	Active	DG-2000ProductTeam@M365x8841...
Electronic Events	Office 365	Deleted today	ElectronicEvents@M365x884154.on...
Employee Advocacy	Office 365	Active	employeeadvocacy@M365x884154....
Engineering	Office 365	Active	Engineering@M365x884154.onmicr...
Executives	Distribution list	Active	Executives@M365x884154.onmicros...
Finance	Office 365	Active	finance@M365x884154.onmicrosoft...
Finance Team	Distribution list	Active	FinanceTeam@M365x884154.onmic...
HR	Office 365	Active	hr@M365x884154.onmicrosoft.com
HR - Onboarding Exp VTeam	Office 365	Active	HR-OnboardingExpVTeam@M365x...

Electronic Events

Office 365 group
ElectronicEvents@M365x884154.onmicrosoft.com

Status

This group was deleted on 5/7/2019 4:28:49 AM
[Click here to restore](#)

Description

Electronic Events

Owners

Megan Bowen
MOD Administrator
Nestor Wilke

Privacy

Public - Anyone can see content



Example: Project Cleanup Activities

Delete Enterprise Objects

What do you want to delete from Project Web App?

- ☒ Projects
- ☐ Resources and Users
- ☐ Status Report Responses
- ☐ Timesheets

Delete the selected projects

- ☐ Delete draft and published projects
- ☐ Delete only published projects
- ☐ Delete archived projects
- ☒ Delete the connected SharePoint sites

You can't delete Projects that are currently checked out to other users. To force check-in projects, go to [Force Check-in Enterprise Objects](#)

<input type="checkbox"/>	Project Name	Project Manager	Version	Type	Last Updated	Checked Out	Job State
<input checked="" type="checkbox"/>	AdventureWorks Cycles Building Maintenance	Lidia Holloway	Published	Project	3/29/2019 5:12:47 PM	No	
<input checked="" type="checkbox"/>	Agile	MOD Administrator	Working	Template	3/29/2019 5:18:11 PM	Yes	
<input checked="" type="checkbox"/>	APAC Network Expansion	Lidia Holloway	Published	Project	3/29/2019 5:22:35 PM	No	
<input type="checkbox"/>	Bay Plaza	Lidia Holloway	Published	Project	3/29/2019 5:26:08 PM	No	
<input type="checkbox"/>	Bell Linguistics Analysis Tool	Adele Vance	Published	Project	3/29/2019 5:24:05 PM	No	
<input type="checkbox"/>	Benjamin Map and GPS Software R100	Lidia Holloway	Published	Project	3/29/2019 5:07:58 PM	No	



Native tools and coverage

Low Impact

Out-of-the-box tools

- Version Control (minimum 100)
- Recycle Bin (93 days total)
- Deleted E-mail (14 days default – 30 max)

High Impact

- Soft-delete Sites / Groups / Teams (30 days)
- Retention settings (legal holds)
- “Files Restore” – OneDrive / Sites / Teams
- Restore from Microsoft Backup (14 days)

Scenario

- ☐ User Error, document corruption
 - ☐ User Error, document deletion
 - ☐ User Error, e-mail deletion
-
- ☐ Owner / Admin error, deletion
 - ☐ Legal Retention Only
 - ☐ Ransomware
 - ☐ Corruption / Ransomware



3. What should I be worried about?

Backup Data Must Be Offline!

Cybersecurity Maturity Model Certification (CMMC)

Cybersecurity Maturity Model Certification **Version 0.7**

Recovery (RE) P1139: Regularly perform complete and comprehensive data back-ups as organizationally defined and store them off-site and offline.

REFERENCES

- CIS Controls v7.1 10.1, 10.2, and 10.5

DISCUSSION [CIS CONTROLS V7.1 10]

Data Recovery Capabilities

The processes and tools used to properly back up critical information with a proven methodology for timely recovery of data.

Why Is This CIS Control Critical?

When attackers compromise machines, they often make significant changes to configurations and software. Sometimes attackers also make subtle alterations of data stored on compromised machines, potentially jeopardizing organizational effectiveness with information that has been modified with malicious intent. When the attackers are discovered, it can be extremely difficult for organizations without a trustworthy data recovery capability to remove all aspects of the attacker's presence on the machine.

CLARIFICATION

Ensure all systems and data are backed up at an interval that enables an organization to restore the system or data in accordance with their business requirements. You should complete the backups frequently, and on a regular schedule that satisfies the needs of your organization. You should consider storing at least one system backup off-site and offline to provide redundancy in the event of a disaster. The interval and complexity of your data recovery capabilities can be informed by reviewing your service level agreement with your DoD customer.

Example

You are in charge of IT operations for your organization. As part of your responsibilities, you create backups of all your system data. You do this to meet the business objectives of your organization as outlined in your service level agreements with your customers. Meeting these objectives will help you manage the loss of data availability or corrupted data in the event of a cyber incident. For example,

https://www.acq.osd.mil/cmmc/docs/CMMC_Version0.7_UpdatedCompiledDeliverable_20191209.pdf

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Who has you covered?



[Share](#)

FOR INFRASTRUCTURE & OPERATIONS PROFESSIONALS

Back Up Your SaaS Data — Because Most SaaS Providers Don't

Cloud-To-Cloud Backup Is The Only Practical Option For SaaS Data Protection

December 29, 2017



By **Naveen Chhabra**
with Glenn O'Donnell,
Will McKeon-White,
Bill Nagel

Why Read This Report

Software-as-a-service (SaaS) is a popular element of a sound technology strategy. While almost all SaaS vendors explicitly state that protecting data is the customer's responsibility, infrastructure and operations (I&O) leaders usually send critical data to those providers without any plan for ensuring data resiliency. Back up SaaS data or risk losing customers, partners, and employees. Stop leaving the door open to data loss, and start proactively protecting cloud data before it's too late. This report helps I&O leaders navigate the landscape of SaaS services and data recovery. This is an update of a previously published report; Forrester reviews and updates it periodically for continued relevance and accuracy.

Table of Contents

Few Firms Protect Their Cloud Data From Obliteration

You Can — And Must — Mitigate The Risk Of Losing SaaS Data

Recommendations

Don't Make Assumptions: Grill Your SaaS Provider About Backup



Your responsibility for backup



Microsoft Protection

- ✓ Loss of service due to hardware or infrastructure failure
- ✓ Loss of service due to natural disaster or data center outage
- ✓ Short-term user-error with recycle bin / version history (including new OneDrive "Files Restore")
- ✓ Short-term administrative error with soft-delete for Groups, Mailboxes or services-lead rollback

Customer Responsibility

- ❑ Loss of data due to departing employees and deactivated accounts
- ❑ Loss of data due to malicious insiders / hackers deleting content
- ❑ Loss of data due to malware / ransomware
- ❑ Recovery from prolonged outages
- ❑ Long-term accidental deletion coverage with selective rollback

*Forrester: "Backup Your SaaS Data – Because Most SaaS Providers Don't", Naveen Chhabra, December 2017

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When to review your insurance policy...

1. You're actively using Project or Planner

- Mistakes here can be difficult to recover from! Project sites, Planner tasks, etc.

2. You're rolling out SharePoint / Teams / Groups with end-users as "Owners"

- Helpful files restore can potentially impact all user's content, open to all owners
- Permissions can be a slippery slope to manage for end-users!

3. You're dealing with turn-over / clean-up but *do not* actively place all employees on legal hold!

- Restore requests typically come AFTER soft-delete window has passed!



4. Architecting a Backup Solution

AvePoint Cloud Backup



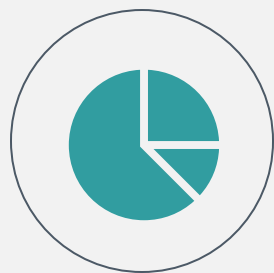
Unlimited, automated backup for your Microsoft Cloud assets

Automatic backups, up to 4X per day, for Dynamics 365, Office 365 - SharePoint Online, OneDrive for Business, Exchange Online, Project Online, and Groups. Unlimited options give you flexibility to protect content as your organizational needs dictate.



Granular restore, in or out of place

Search for and filter content for restore based on properties—including content type, owner, date created, file size, parent list name, parent folder name, email subject, date sent, and more. Restore granular content in place or out of place – even to your file system or export as a PST!



Visibility and control over protected content

Simple dashboard display gives immediate insight into what services are covered – and where you may be exposed. Whether you bring your own storage – or use AvePoint's Azure storage – you retain full control over your protected content!

Delegated controls to empower users

Work with security teams

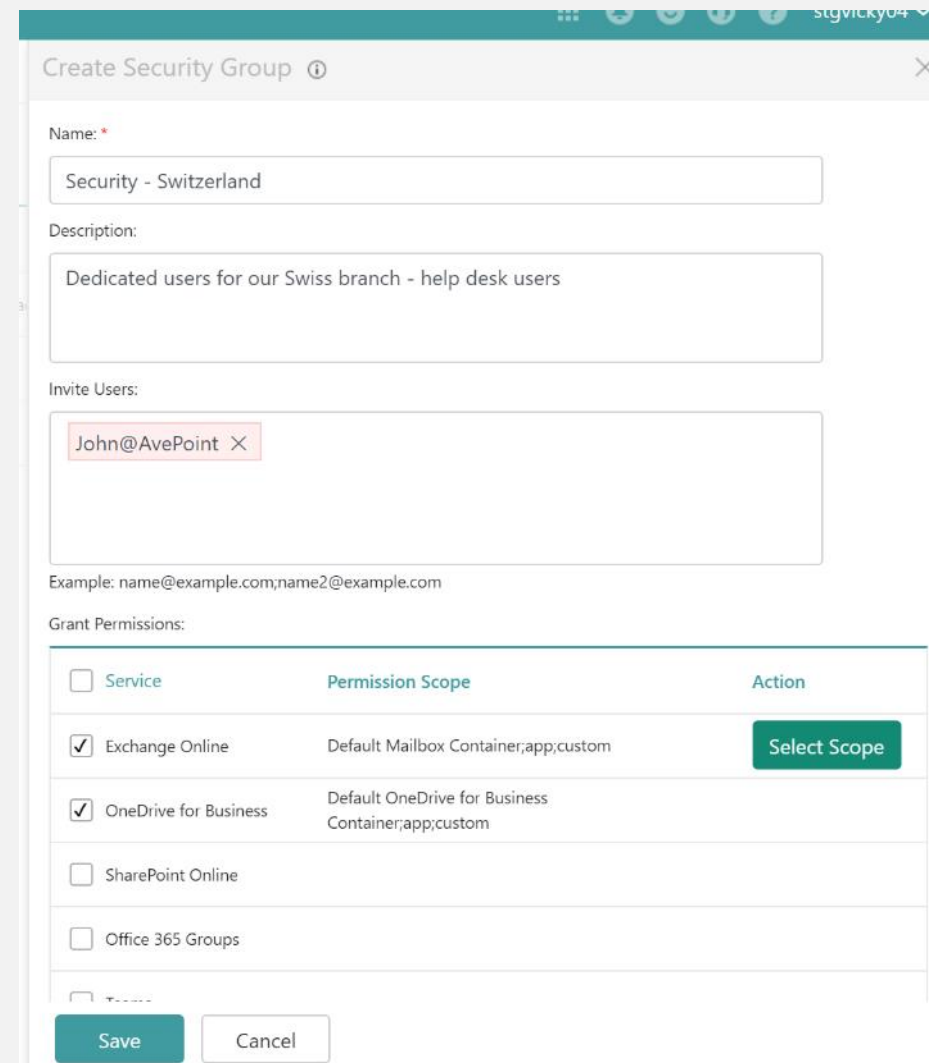
- One backup SLA, but many ways to restore
- Divide by country, department, title, division, etc.

Identify service administrators

- Give Exchange teams access to e-mail
- Give SharePoint teams access to Groups / Teams

Delegate help-desk calls

- OneDrive and Mailbox request can go to lower-level help-desk administrators



Create Security Group ⓘ

Name: *

Security - Switzerland

Description:

Dedicated users for our Swiss branch - help desk users

Invite Users:

John@AvePoint ✕

Example: name@example.com;name2@example.com

Grant Permissions:

<input type="checkbox"/> Service	Permission Scope	Action
<input checked="" type="checkbox"/> Exchange Online	Default Mailbox Container;app;custom	Select Scope
<input checked="" type="checkbox"/> OneDrive for Business	Default OneDrive for Business Container;app;custom	
<input type="checkbox"/> SharePoint Online		
<input type="checkbox"/> Office 365 Groups		

Save Cancel



Backup Data Encryption is Required!

Cybersecurity Maturity Model Certification (CMMC)

Cybersecurity Maturity Model Certification Version 0.7

Recovery (RE) P1138: Protect the confidentiality of backup Federal Contract Information at storage locations.

REFERENCES

- NIST SP 800-171 3.8.9
- CERT RMM v1.2 MON:SG2.SP4

DISCUSSION [DRAFT NIST SP 800-171R2]

Organizations can employ cryptographic mechanisms or alternative physical controls to protect the confidentiality of backup information at designated storage locations. Backed-up information containing CUI may include system-level information and user-level information. System-level information includes system-state information, operating system software, application software, and licenses. User-level information includes information other than system-level information.

CLARIFICATION

You protect the confidentiality of information to ensure that it remains private and unchanged.

Methods to ensure confidentiality may include:

- encrypting files
- managing who has access to the information
- physically securing devices and media that contains FCI
- managing the use of information

https://www.acq.osd.mil/cmmc/docs/CMMC_Version0.7_UpdatedCompiledDeliverable_20191209.pdf





FAQ

Your data is your data...

If you use AvePoint Cloud Solutions to help manage your Office 365 environment-Who has access to your Office 365 data?

How do you ensure that there is no unauthorized access?



Customer's data is encrypted with their unique key. No one can access customer's data, nor can AvePoint employees.

Only our cloud operations team can access the system, but they cannot access unencrypted data. Operations are audited too. The only option is 'invite support', where customer can grant temporary access to our support personnel to help troubleshooting. In that case, support only has access to application GUI, not the backend data.





FAQ

CLIENT DATA

Is the data encrypted at rest and in motion in AvePoint's Back up solutions?

Can we hold the encryption keys?



Yes, the customer's backup data is always encrypted at rest and in motion.

Yes, the customer's backup data is always encrypted at rest and in motion. The customer can also own the encryption key by using their own Azure Key Vault (BYOK).





FAQ

INFOSEC

Is the security program based on any standard or best practice and how often are your information security policies reviewed and updated?



Yes. AvePoint is ISO 27001:2013 certified.

You can view the third-party certification on our website:
<https://www.avepoint.com/company/privacy-and-security/>






Our ISMS policies and procedures are reviewed least annually. Additionally, internal audits are conducted annually, and AvePoint is subject to annual third-party surveillance audits to prove ongoing compliance.



AvePoint Cloud Backup for Office365









Exchange Online

-  User Mailboxes
-  Calendars
-  Group Conversations
-  Group Mailboxes
-  Planner Task Comments







SharePoint Online

-  Sites, Lists, Libraries
-  User OneDrive
-  Group Files
-  Group Notebook
-  Team Files
-  Planner Attachments



Planner




-  Plans
-  Buckets
-  Tasks
-  Team Planner



Project Online








-  Project Online Sites

Project for Web

-  Power BI
-  Power Apps
-  Power Automate

Common Data Service

Microsoft Teams

-  Team/Group
-  Team Channel
-  Channel Conversations
-  Team Files
-  Team Mailbox
-  Plans
-  Tasks

Any or all of these

Office 365 Groups



Granular recovery of content

Cloud Backup

Home

Office 365 Backup

Restore

Data Subject Access Requests

Job Monitor

Reporting

Settings

Select and restore the data:

Teams: *
X1050LaunchTeam@M365x8841...

Backup Time Range:
05/07/2019 - 05/07/2019

Level:
Task
Site
List/Library
App
Folder in SharePoint
Document
Plan
Task

Task Name:

Bucket:

Progress:
All

Assigned to:

Search

1 item selected

☐ Name

Recovery Point

<input type="checkbox"/> <input checked="" type="checkbox"/> Book Car Service for Airport	May 7, 2019 2:38 AM	Restore
<input type="checkbox"/> <input checked="" type="checkbox"/> Book Hotel	May 7, 2019 2:38 AM	Restore
<input type="checkbox"/> <input checked="" type="checkbox"/> Book Patti's Flight	May 7, 2019 2:38 AM	Restore
<input type="checkbox"/> <input checked="" type="checkbox"/> Book Valet Service for Event	May 7, 2019 2:38 AM	Restore
<input type="checkbox"/> <input checked="" type="checkbox"/> Book your own flights	May 7, 2019 2:38 AM	Restore

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The AvePoint logo, which is a stylized red 'A' shape.

Select and restore the data:

Name: *

JordanM@M365B916186.OnMi...

Backup Time Range:

08/13/2018 - 08/13/2018

Level:

Document

D

timesheet

Created Date:

Created By:

Modified By:

Document Size:

>=

MB

Search

Restore

Export

1 item selected

<input checked="" type="checkbox"/> Name	Recovery Point	URL	
<input checked="" type="checkbox"/> Timesheet_JordanM.xlsx	Aug 13, 2018 3:39 PM	https://m365b916186-my.sharepoint.com/personal/jordanm_m365b...	Restore

1




Go

i


A restore job for OneDrive for Business has started. Go to Activity Report to view more details.


x




-  Home
-  Office 365 Backup 
- Restore
- Activity Report
- Settings
 - Notification Settings
 - General Settings
 - Mapping Settings


Job Monitor System Auditor


Time Filter: All 

Job Type: All 







Object Type: All 

[Expand All](#)

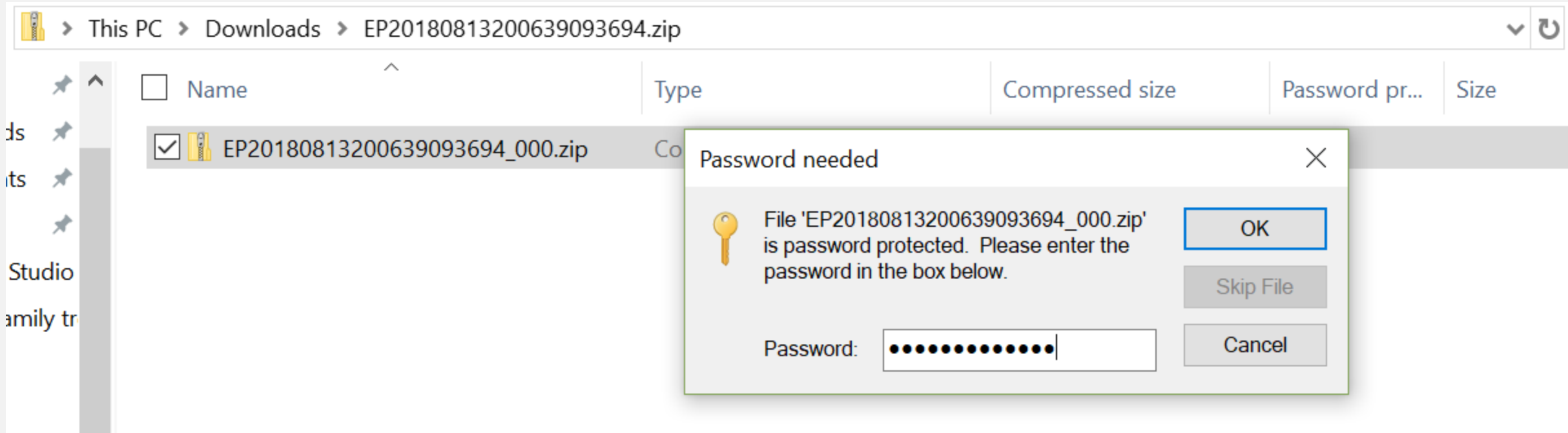
Search by Username, Job ID, or Title 

Job Status: All 

TODAY

-  **admin@M365B916186.onmicrosoft.com performed an export, finished at 4:06 PM, lasting for less than 1 minute.**  
-  **admin@M365B916186.onmicrosoft.com performed a restore, finished at 4:07 PM, lasting for 1 minute.** 
-  **admin@M365B916186.onmicrosoft.com performed a backup, finished at 3:54 PM, lasting for 15 minutes.** 





ds
nts

Enable Editing

Pavel Banksy



Home



Office 365 Backup

Restore

Activity Report

Settings

■ Notification Settings

■ General Settings

■ Mapping Settings



Select and restore the data:

All Tenants

Search by Name

Restore

Export



URL

Recovery P



https://m365b916186-my.sharepoint.com

Aug 15, 20



https://m365b916186.sharepoint.com

Aug 15, 20



https://m365b916186.sharepoint.com/portals/hub

Aug 15, 20



https://m365b916186.sharepoint.com/search

Aug 15, 20



Show data from this backup only

Restore



Title

User error - permissions were lost to public blog site.
Recovering to last known good backup.

No more than 255 characters.

What would you like to restore?



Restore all content and security



Restore security only



All of the security at this level and below will be restored.

Where would you like to restore the data?



Restore the data to its original location



Restore the data to another location

How would you like to handle the container level security conflict?

Merge


How would you like to handle the content level security conflict?



Merge


Restore


Cancel


Contoso: News and Updates

 Contoso: News and Updates

 New 

 Send by email

 Promote

Published 8/15/2018  Edit

Release Announcements

Spring 2018 Announcements

Fusce quis quam ut massa convallis faucibus in non augue. Curabitur dapibus urna at sem venenatis, et rutrum erat vehicula. Phasellus vestibulum nulla ut fringilla sollicitudin. Praesent commodo purus sed urna molestie euismod. Aenean ultricies eros ac scelerisque aliquam. Nulla pretium ullamcorper posuere. Quisque sodales eget urna at pellentesque. Integer pulvinar nisl nec purus aliquet, ac sagittis diam auctor. In vel volutpat lorem. Phasellus vel neque orci. Nulla facilisi. Curabitur vehicula scelerisque ligula in elementum.

Aliquam ultricies malesuada libero, ac molestie ipsum eleifend rhoncus. Integer non sem arcu. Nam ac pellentesque arcu. Aenean eu finibus mauris. Nunc nisl diam, dignissim vitae arcu in, suscipit molestie lacus. Fusce eget tincidunt ipsum. Cras tristique, turpis blandit imperdiet consectetur, purus nisl dignissim velit, vel maximus nunc ex eget nisi. Etiam quis libero gravida, maximus tellus et, eleifend massa. Integer et aliquam velit. Aenean in ante vel neque aliquet dapibus. Nam faucibus feugiat ligula, in pellentesque quam mattis fermentum. Etiam risus erat, dictum a vehicula et, hendrerit eget odio. Cras in finibus nisi. Duis mattis ipsum in felis finibus, vel ultrices velit condimentum.

Vivamus vitae est non massa vestibulum auctor. Donec pulvinar vehicula ornare. Aenean ac suscipit ante. Praesent dui ipsum, consectetur vel ultricies molestie, sodales in tellus. Nulla scelerisque fermentum dui non gravida. Vestibulum et ullamcorper ante, eu elementum leo. In vitae mi in tellus feugiat ultrices. Proin libero risus, fringilla et ex eget, facilisis consequat nunc. Sed sapien orci, malesuada ac fringilla eget, mattis vitae lacus. Suspendisse potenti.

Grant Permissions

Grant

Create Group

Edit User Permissions

Modify

Remove User Permissions

Modify

Check Permissions

Check

Permission Levels

Manage

Access Request Settings

Manage

Site Collection Administrators

Manage

- Home
- Notebook
- Documents
- Pages
- Recent
- Monthly Blog
- Release Announcements
- Site contents
- Recycle Bin
- EDIT LINKS

Some content on this site has different permissions from what you see here. [Show these items.](#)

There are limited access users on this site. Users may have limited access if an item or document under the site has been shared with them. [Show users.](#)

<input type="checkbox"/>	<input type="checkbox"/> Name	Type	Permission Levels
<input type="checkbox"/>	Adele Vance	User	Contribute
<input type="checkbox"/>	Alex Wilber	User	Contribute
<input type="checkbox"/>	Allan Deyoung	User	Contribute
<input type="checkbox"/>	Christie Cline	User	Contribute
<input type="checkbox"/>	Debra Berger	User	Contribute
<input type="checkbox"/>	Diego Siciliani	User	Contribute
<input type="checkbox"/>	Emily Braun	User	Contribute
<input type="checkbox"/>	Enrico Cattaneo	User	Contribute
<input type="checkbox"/>	Excel Services Viewers	SharePoint Group	View Only
<input type="checkbox"/>	Grady Archie	User	Contribute
<input type="checkbox"/>	Henrietta Mueller	User	Contribute
<input type="checkbox"/>	Irvin Sayers	User	Contribute
<input type="checkbox"/>	Isaiah Langer	User	Contribute
<input type="checkbox"/>	Johanna Lorenz	User	Contribute
<input type="checkbox"/>	Joni Sherman	User	Contribute





 EDIT LINKS

Marketing ▸ People and Groups ⓘ








Groups

- Marketing Members
- Marketing Visitors
- Marketing Owners

More...

- Home
- Conversations
- Documents
- Notebook
- Pages
- Recent
- Site Assets

New ▾ Settings ▾

Group	Edit	About me	Work email
All Users (windows)			
Everyone			
Everyone except external users			
Marketing			Marketing@M365B916186.onmicrosoft.com
Marketing Members		Use this group to grant people contribute permissions to the SharePoint site: Marketing	
Marketing Owners		Use this group to grant people full control permissions to the SharePoint site: Marketing	
Marketing Visitors		Use this group to grant people read permissions to the SharePoint site: Marketing	



Let's Recap!

Microsoft helps, but can't cover everything...



User-Driven Errors

"I've misplaced a document... the URL I have doesn't work anymore!"

"The document version I have is corrupted, all my changes are missing!"

~~"I accidentally deleted a planner task, I can't find the history anymore!"~~

Admin-Driven Errors

"I've updated the apps on my site, but I need to roll back ~~some~~ changes."

~~"I've broken the inheritance on my site, people can't see my files anymore!"~~

~~"A user left the company 6 months ago, but we forgot the retention policy!"~~



Your responsibility for backup



Microsoft Protection

- ✓ Loss of service due to hardware or infrastructure failure
- ✓ Loss of service due to natural disaster or data center outage
- ✓ Short-term user-error with recycle bin / version history (including new OneDrive "Files Restore")
- ✓ Short-term administrative error with soft-delete for Groups, Mailboxes or services-lead rollback

Customer Responsibility

- ❑ Loss of data due to departing employees and deactivated accounts
- ❑ Loss of data due to malicious insiders / hackers deleting content
- ❑ Loss of data due to malware / ransomware
- ❑ Recovery from prolonged outages
- ❑ Long-term accidental deletion coverage with selective rollback

*Forrester: "Backup Your SaaS Data – Because Most SaaS Providers Don't", Naveen Chhabra, December 2017

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AvePoint Cloud Backup



Unlimited, automated backup for your Microsoft Cloud assets

Automatic backups, up to 4X per day, for Dynamics 365, Office 365 - SharePoint Online, OneDrive for Business, Exchange Online, Project Online, and Groups. Unlimited options give you flexibility to protect content as your organizational needs dictate.



Granular restore, in or out of place

Search for and filter content for restore based on properties—including content type, owner, date created, file size, parent list name, parent folder name, email subject, date sent, and more. Restore granular content in place or out of place – even to your file system or export as a PST!



Visibility and control over protected content

Simple dashboard display gives immediate insight into what services are covered – and where you may be exposed. Whether you bring your own storage – or use AvePoint's Azure storage – you retain full control over your protected content!

thank you

Gracias

ευχαριστώ

Danke

Grazie

благодаря

Hvala

Obrigado

Kiitos

شكراً

Tak

Ahsante

Teşekkürler

متشكرم

Salamat Po

감사합니다

Cám ơn

شكريه

Terima Kasih

Dank u Wel

Děkuji

நன்றி

Köszönöm

ありがとう
ございます

ໂພນລຸ້ນລຽ້ນ

Dziękuję

谢谢

Tack

Mulțumesc

спасибо

Merci

תודה

多謝晒

дядкую

Ďakujem



Chapter 1: Data Loss in North America

It's no secret we are living in a rapidly expanding dataspere, where information is usually accessed on laptops instead of in libraries. Globally, more than 16 zettabytes of data was generated in 2016 alone, which equates to more than 17 billion gigabytes (Reinsel, Gantz, & Rydning, April 2017). That number continues to grow exponentially with the rise of connected devices and expanding internet of things (IoT) technologies.

As we grapple with how to productively use such vast amounts of data, we also struggle to understand how to best store and protect all that information. With more than 60 million companies actively using Office 365, some customers are left wondering how best to approach backup as part of their content and data management strategy.

Nowadays, most businesses have some method to backup information. Globally, data protection vendors are popular: 57% of businesses use two or more data protection vendors (Dell EMC, 2016). These vendors help customers store, protect, manage and retrieve misplaced data.

Free eBook

Office 365 Backup Handbook

- Common ways companies lose data, and how to protect against them
- Secure data management and backup techniques
- Office 365 native backup and restore capabilities and how to extend them

Free Download >

<https://www.avepoint.com/unlimited-cloud-backup-ebook/>

Resources Used on Today's Meeting



- <https://www.avepoint.com/blog/backup/office-365-cloud-backup/>
- <https://www.avepoint.com/blog/backup/on-prem-vs-cloud-office-365-backup/>
- <https://www.avepoint.com/blog/backup/avepoint-unlimited-backup-offering/>
- <https://www.avepoint.com/ebook/office-365-backup-handbook>
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