

# AvePoint Online Services vs Office 365 – Sites, Files, Emails, and Groups Backup, Management and Archiving

## Overview:

AvePoint Online Services is a multi-tenant Software as a Service (SaaS) offering from AvePoint, hosted on Microsoft’s Azure Platform as a Service (PaaS) technology. With a unified, browser-based user interface and a fully-distributed architecture, AvePoint Online Services integrates AvePoint’s powerful data protection, migration, and management technologies into a highly scalable solution for Office 365 applications including SharePoint Online, Exchange Online, Office 365 Groups, and OneDrive for Business. With no install, and minimal configuration, getting to the cloud is a breeze!

## Product Comparison:

### AvePoint Cloud Backup vs. OOTB Office 365 Backup and Restore Capabilities

AvePoint Cloud Backup gives organizations the power to build customizable backup and restore plans according to organizational Service Level Agreements (SLAs) to satisfy data protection and retention requirements.

With AvePoint Cloud Backup...

- **Own your own SLAs.**
  - Customize your SLAs for RPO and RTO, instead of relying on Microsoft’s default backup frequency and retention policy (backup every 12 hours, retained for 14 days, up to 30).
- **Own your data.**
  - Maintain full access and control over your backup data, not just what’s in your Recycle Bins. Need to store backup files for a longer term (than the 15-30 days provided by Microsoft)? No problem! Compress and encrypt on the storage platform of your choosing.
- **Recover on your terms.**
  - You select what and where. Need access to a backup from more than two weeks ago? Need access to files during any service disruption? Perform in-place restores for granular objects or content, without overwriting valuable data since the last backup or having to go through Microsoft Support.

Features		Office 365 - SharePoint Online, OneDrive for Business, Exchange Online, and Office 365 Groups	AvePoint Cloud Backup
<b>Automatic Backup</b>		YES Backups are automatically taken every 12 hours.	YES Backups are automatic, as often as every 6 hours.
<b>Backup granularity</b>	Site collection	YES	YES
	Site	YES	YES
	List/Library	LIMITED SUPPORT From Recycle Bins only.	YES
	Folder		YES
	List/Library		YES
	Document Version	LIMITED SUPPORT All versions will be automatically included if restoring the document from the recycle bin.	YES Supports restoring all versions or a specified number of the latest major and minor versions.

	User Mailbox	LIMITED SUPPORT Users can restore entire mailboxes only, if it's within the 30-day retention window.	YES Restore an entire mailbox, or individual calendar or item
	User Calendar		
<b>Supported storage locations for backup data</b>	Microsoft Azure Blob Storage	NO Customers have no access to their own backup data.	YES AvePoint Cloud Backup supports data encryption and compression on numerous storage platforms.
	Amazon S3		
	Dropbox		
	FTP		
	SFTP		
<b>Preserve workflow definitions</b>		NO Microsoft manages backups of Office 365 databases and content. All content and configurations are backed up. However, users can only restore entire site collections or individual lists/libraries from the recycle bin, overwriting data since the last backup.	YES
<b>Preserve list views</b>		LIMITED SUPPORT Only when users restore entire site collections via MSFT, potentially overwriting data, or individual lists/libraries from the recycle bin.	YES
<b>Restore methods</b>	Time-based restore – Restore any object based on specified backup time	LIMITED SUPPORT Backups are performed every 12 hours and retained in recycle bins for 14 days for SPO, OD items, up to 30 for some Exchange items. Specific items, files, lists, or libraries can be restored directly from the SharePoint Online recycle bin.	YES
	Object-based restore – Directly locate the objects you want to restore by utilizing full-text search capability	NO	YES

<b>Restore types</b>	In place restore	YES	YES
	Out of place restore	NO For Microsoft-maintained backup data, out of place restore is not permitted.	YES
	Restore to storage policy	NO	YES Restore content to other network addressable storage location, including Microsoft Azure, Amazon S3, Dropbox, and any destination accessible via Secure File Transfer Protocol (SFTP) and File Transfer Protocol (FTP) .
<b>Container level conflict resolution when restoring</b>	Skip	NO	YES
	Merge	NO	YES
	Replace	YES	YES
<b>Content level conflict resolution when restoring</b>	Skip	NO	YES
	Overwrite	YES	YES
	Overwrite by last modified time	NO	YES
	Append an item/document named “_1”	NO	YES
<b>Conflict resolution for App Data</b>	Skip	NO	YES
	Overwrite	YES	YES
<b>Version restore</b>	Restore all versions	YES	YES
	Restore a specified number of latest versions	NO	YES
<b>Granular restore of security (user/group)</b>	<p>LIMITED SUPPORT</p> <p>Unable to selectively restore properties, securities, etc.</p> <p>Restores at the site collection level restore the entire site collection, all content, properties, and security. Restores from the Recycle Bin maintain settings/configurations from before the deletion event.</p>	YES	
<b>Granular restore of item / object properties</b>		YES	
<b>Granular restore of views</b>		YES	
<b>Granular restore of workflow definition and item history</b>		YES	
<b>Restore of item-dependent columns and content types</b>		YES	
<b>Schedule backup and restore functions</b>	NO Backups are automatically taken every 12 hours. Customers are not able to control by themselves.	YES	

## AvePoint Cloud Management vs. OOTB SharePoint Online, OneDrive for Business, and Office 365 Groups Administration & Reporting Capabilities

Many out of the box (OOTB) administration tasks require the use of PowerShell. An index of available PowerShell commands for managing SharePoint Online users, groups, and sites can be found here:

<https://technet.microsoft.com/en-us/library/fp161364.aspx>

In order to gain insight and control over users and data without the use of PowerShell, use AvePoint Cloud Management. AvePoint Cloud Management allows you to gain insight into users and content, reporting and monitoring user activity, site usage, content lifecycle, and content type usage.

With AvePoint Cloud Management:

- **Batch control without code**
  - Add and modify users, and controls in batch without code. Quickly filter for sites or users where policies should be applied, and track all administrative actions that are performed through AvePoint Cloud Management to avoid conflicts and prevent conflicts.
- **Enforce governance policies for objects, sites, and security. Retain audit data on your terms.**
  - Define policies to revert or notify if end users modify permissions, object configurations, or features outside your governance policy parameters. Keep Audit data according to your organizational guidelines, not Microsoft's 90-day limit.
- **Migrate, restructure, or synchronize content within or across Office 365 tenants**
  - Evolve your information architecture and site structure on demand, according to business requirements. Maintain valuable properties and metadata. Copy or move content easily to different Site Collections or Office 365 Tenants.
- **Centralized user and site monitoring within or across tenants, as well as Web analytics.**
  - Monitor and report on user and content lifecycles, user activity, and permissions or content type changes. Run configuration reports to understand current site configurations and storage utilization to track adoption over time. View visitor and page trends, including device and browser utilization.

Features		Office 365 - SharePoint Online, OneDrive for Business, and Office 365 Groups	AvePoint Cloud Management
Permissions management	Site Collection / Site Level Reporting	YES	YES
	Cross-Site / Cross-Tenant Reporting	NO	YES
	(BULK) Clone / Transfer Permissions	NO	YES
	Grant Temporary Permissions	NO	YES
	Report on External Users	NO	YES
Change management	Bulk Deployment of Design Elements (CSS, Custom Pages, Web Parts, Apps, etc.)	NO* Customers have the option to use Patterns and Practices to create, deploy, and manage design elements. However, this is a community-supported solution only.	YES
	Real-Time Comparison of Feature Differences Cross-Site / Cross-Tenant	NO	YES

<b>Content move</b>	Copy/Migrate SharePoint Online, OneDrive for Business, Office 365 Groups Content (Documents, Items, Folders, Lists, Libraries, Sites) within a single Site Collection	LIMITED SUPPORT Move/ restructure sites, libraries, and documents through Explorer View, Site Content and Structure with limited fidelity	YES
	Copy/Migrate SharePoint Online, OneDrive for Business, Office 365 Groups Content (Documents, Items, Folders, Lists, Libraries, Sites) across Site Collections or O365 Tenants	NO	YES
<b>Automated Policy Enforcement to report on or revert unauthorized or out-of-policy changes to object configuration, security, and sites</b>	The Ability to Configure and Centrally Manage Policies for Configuration, Security, and Sites	NO Office 365 capabilities are often associated with Content Types at more granular levels.	YES
	Automatically Enforce Configurations Policies (Versioning, IRM, Content Types, etc.). Report on or revert out-of-policy objects in SharePoint Online and OneDrive for Business	NO Automated policy association for retention is based on Content Type.	YES
	Automatically Enforce Security Policies (Permission Level restrictions, Site Admin limit controls, restricted sharing, etc.)	NO Permissions policy associations are generally inherited from the parent object.	YES
	Automatically Enforce Site Policies (Site Feature Activation, Site Template, Site Settings, etc.)	NO	YES
	E-mail Alerts and Notifications on Policy Violations	NO	YES
<b>Replication</b>	Replicate content across SharePoint Online, OneDrive for Business, and Office 365 Groups	NO	YES
	Replicate SharePoint Online, OneDrive for Business, and Office 365 Groups Security settings (Site Collection, Site, List, Folder, and Item permissions)	NO	YES
	Replicate SharePoint Online, OneDrive for Business, and Office 365 Groups Configuration settings (Site Collection, Site, List features, and properties)	NO	YES
	One-way replication: Keep SharePoint Online, OneDrive for Business, and Office 365 Groups content in sync from one site to another (publishing scenario)	NO	YES

	Two-way replication; Keep SharePoint Online content in sync across multiple sites (collaboration scenario)	NO	YES
	Real-time, event-driven replication from (trigger by upload, edit, metadata change, etc.)	NO	YES
<b>Content/item auditing</b>	Open/View/Download	YES In the Office 365 Compliance Center.	YES These capabilities have been fully supported via utilizing newly available activity management API.
	Item Move / Copy	YES	YES
	Edit / Check-Out / Check-In	YES	YES
	Delete / Restore	YES	YES
	Workflow / Content Type Changes	YES	YES
<b>Report types</b>	Auditing / Policy Changes	NO	YES
	Security Settings Changes	YES	YES
<b>Report level</b>	Tenant	NO	YES
	Site Collection / Site	YES	YES
<b>Report viewing</b>	Excel	YES	YES
	Export Report to SharePoint Library	NO	YES
	View Tenant Level Report in Web Interface	NO	YES
<b>Data Management</b>	Audit History	90 Days	Unlimited Retention
	Storage Locations	Office 365 Compliance Center	SQL Azure , SQL Server Coming Soon
<b>Web Analytics</b>	Visitor Trends (Access times, conversions)	NO	YES
	Device Information (Device, Browser, Software, etc.)	NO	YES
	Page Trends (Time on page, breadcrumb, user heat map)	NO	YES

# AvePoint Cloud Archiving vs. OOTB SharePoint Online and OneDrive for Business Archiving

With AvePoint Cloud Archiving:

- **Centrally apply archive and retention policies at any object level maintaining metadata, workflow state, and permissions.**
  - Avoid creating and applying policies site collection by site collection.
- **Archive based on built-in or customizable properties.**
  - Not just Content Type-driven or date-driven. Avoid reliance on users to assign correct Content Types or site policies in order to achieve content lifecycle management.
- **Unmatched control over your data.**
  - Store archived content in any cloud storage drive. Apply retention policies to preserve or remediate content in compliance with information management policies or to move stale content to less expensive storage tiers for reduced costs. Granularly restore archived content back to SharePoint Online.

Features		Office 365 - SharePoint Online & OneDrive for Business	AvePoint Cloud Archiving
Archive/remove dormant content from SharePoint Online (from site collection to item level)		LIMITED SUPPORT Microsoft policies encourage “in-place” records management, leaving content in view of end-users and creating clutter.	YES Configure granular policies to archive site collections, sites, lists, libraries, items, document versions, and attachments based on built-in or customizable properties.
Criteria specified for archiving rules	Name	NO	YES
	Document Size	NO	YES
	Modified Time	YES Via Information Management Policies	YES
	Modified by	NO	YES
	Created Time	YES Via Information Management Policies	YES
	Created by	NO	YES
	Content Type	NO Via Information Management Policies	YES
	Column Field or Metadata(Text, Number, Yes/No, Date, and Time )	NO	YES
	Parent List Type ID	NO	YES
	Parent Folder Name	NO	YES
	Last Accessed Time	NO	YES

<b>Archiver options</b>	Archive and Remove Data from SharePoint Online	LIMITED SUPPORT Document retention policies can be configured within site collections and applied at the item level based on Content Type or site level, according to created/modified date properties only.	YES
	Archive and Keep Data in SharePoint Online as a Read-only Copy	LIMITED SUPPORT Configure document retention policies within site collections only, e.g. declare records after a set time frame. Can't archive in the meantime.	YES
	Move Documents into Another Library and Declare as SharePoint Records	NO	YES
<b>Supported storage for archived data</b>	SharePoint Online Records Center	YES	YES
	Microsoft Azure Storage	NO	YES Compress and encrypt data on the storage device of your choosing.
	Amazon S3		
	Box		
	Dropbox		
	FTP		
	Rackspace Cloud File		
	SFTP		
	IBM Tivoli Storage Manager (TSM)		
	NetApp AltaVault		
OneDrive			
<b>Granularly restore archived content</b>	In place restore	NO	YES
	Out of place restore	NO	YES
<b>E-mail alerts and notifications on archive and restore</b>		LIMITED SUPPORT Site Policies include optional user notification. Workflow configuration is required to incorporate alerts or approvals into content deletion or records declaration processes.	YES
<b>Schedule archive and restore functions</b>		NO	YES