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Where Next Meets Now.

Top Five Ways to Prepare for Your Next Office 365 Tenant Migration

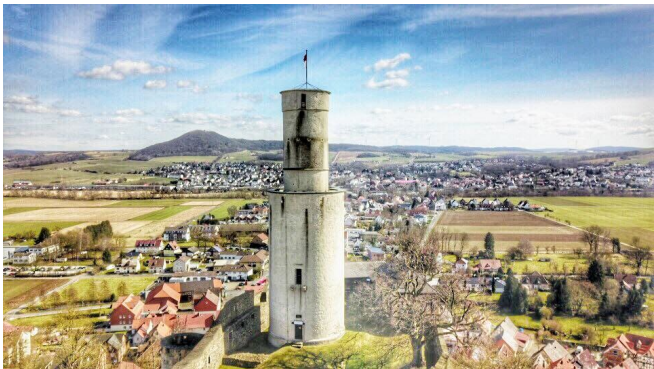
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Office 365 Move - Manage - Secure

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About me



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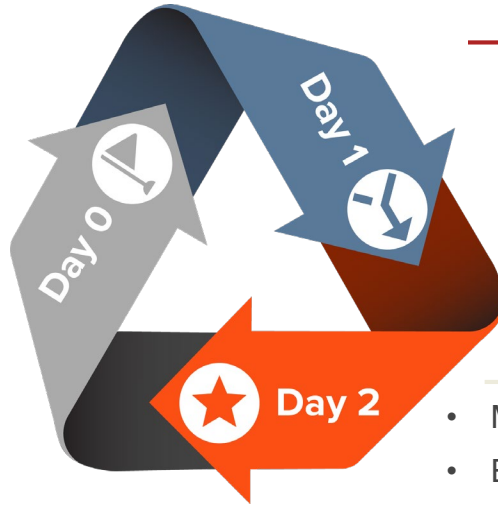
Microsoft 365
<https://ragnarheil.de>

Where Next Meets Now.

Conquer the IT complexities of Office 365 Tenant Migration with new Services Business

Day 0: IT Due Diligence

- Assess Azure AD & Hybrid AD accounts
- Assess source & target subscription licenses
- Perform O365 workload discovery



Day 1: IT Integration Execution

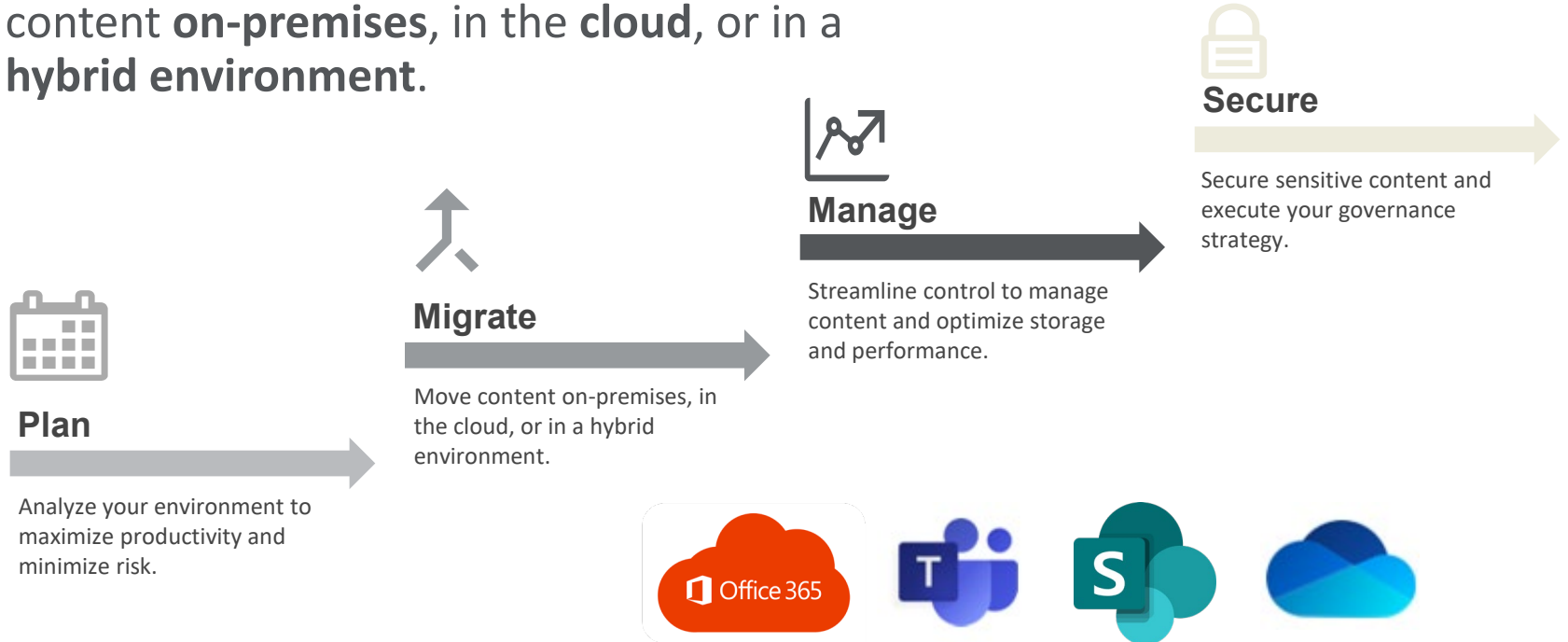
- Securely backup Azure AD\O365
- Track Azure AD\O365 changes
- Migration & coexistence

Day 2: Ongoing Business

- Manage license utilization & cost
- Enforce group creation policies
- Track all changes made on prem and in the cloud
- Recover from changes made to hybrid and cloud accounts

Five Pillars of a successful Migration

Plan, migrate, manage and secure your content **on-premises**, in the **cloud**, or in a **hybrid environment**.



Five Pillars of a successful Migration

**Which migration approaches do you know
and have used already?**



Plan



Analyze your environment to maximize productivity and minimize risk.



Office 365 Tenant-to-Tenant Migration

Most common use cases

Merging one existing Tenant into another existing one

Merging multiple existing Tenants into a brand new one

Separating part of an existing Tenant into another existing one

Separating part of an existing Tenant into a brand new one

Merging between tenants along with on-premises sources



Primarily caused by M&A activity (but not exclusively)

Lowest common denominator: *users and their mailboxes*

Other Office 365 workloads are often involved

Roadblocks in communication and unity

Enterprise Tenant-to-Tenant

Primary Migration Issues
Organizations Continue to Face



QUESTION:

I am ready to start using my new mailbox. Do I have to **manually set forwarding and create mail contacts** in the old environment?



QUESTION:

I want to set up a **common Address List** and also enable **calendar sharing** across tenants. How can I accomplish this?



THE PROBLEM:

Existing solutions require manual steps to orchestrate mail routing before and after a mailbox is migrated, **adding time, effort and headaches**.



THE PROBLEM:

This has to be done against on-premises Active Directory accounts, which involves manual PowerShell Scripts – both **challenging and time-consuming**.



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Enterprise Tenant-to-Tenant

Primary Migration Issues
Organizations Continue to Face



QUESTION:

I am ready to start using my new mailbox. How can I still **get mail sent to my old address**, and not **confuse recipients** who do not know my new address?



QUESTION:

After the migration, I want everyone to **use the same email domain**. We want a unified brand. But that often has problems and takes a while, right?



THE PROBLEM:

Existing solutions still require a forwarder from the old mailbox, and sending as the old address is impossible from the new mailbox – a lot of **extra work** for incomplete results.



THE PROBLEM:

Current solutions on the market can move domain names to a new target—but with **required downtime**, meaning no email can get through, leading to **communication gaps**!



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Migration Approach: Big Bang

- **Advantages**

- Less complexity
- Easier training
- Minimal Transition

- **Disadvantages**

- Limited Scenarios
- Higher risk
- Availability

Migration Approach: Sequential

- **Advantages**

- Less risks
- No alternatives in large environments?

- **Disadvantages**

- More complex
- More difficult Change Management process

Migration Approach: Manual

- **Advantages**

- No licensing costs
- Works with limited content size

- **Disadvantages**

- Existing metadata lost
- Labor intensive

Migration Approach: Incremental

- **Advantages**

- Less disruption for end-users
- Reduces complexity

- **Disadvantages**

- Your migration tool must have this feature
- go-live process takes longer
- undiscovered issues

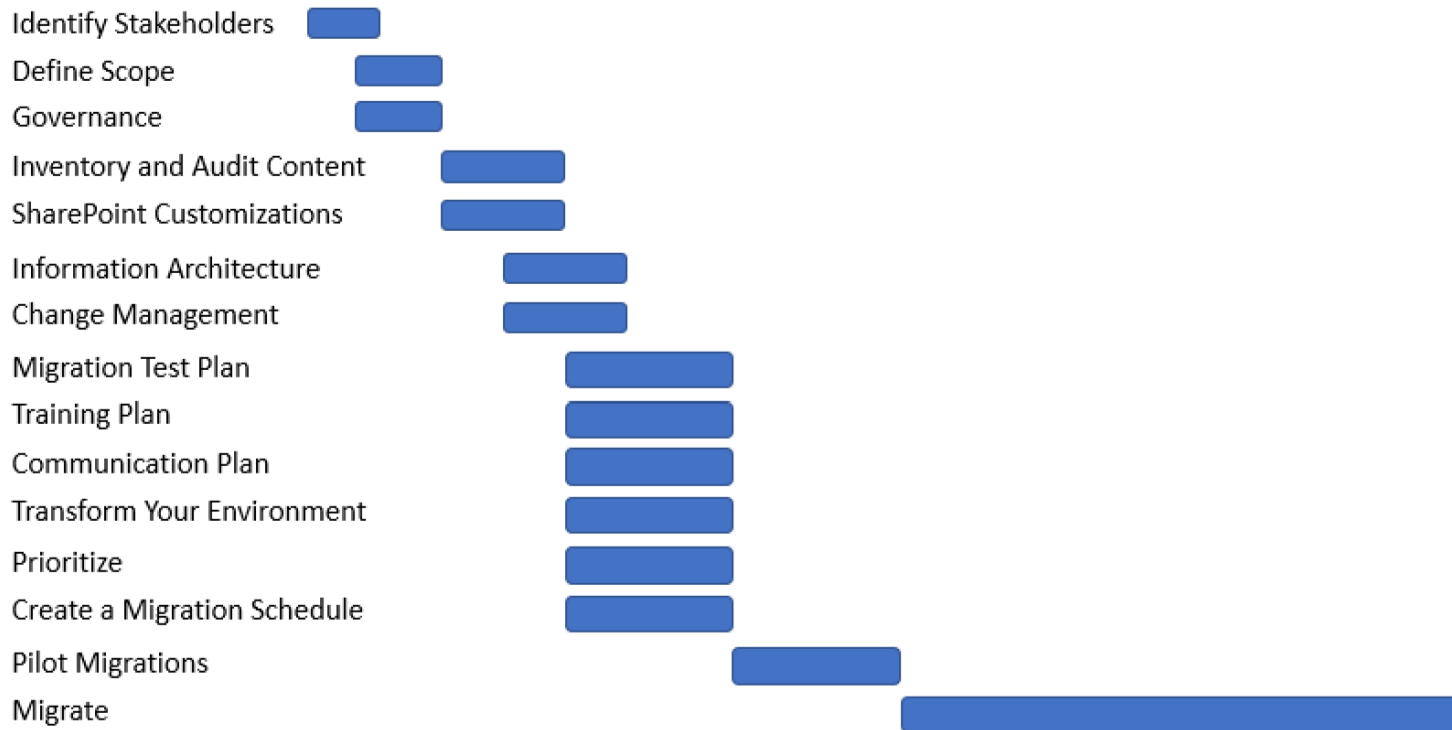
A photograph of a red building with a black corrugated metal roof. The building is oriented upside down. The text "Upside Down Team Planning" is overlaid in white. In the bottom left corner, two people are visible on a wooden balcony. The building has several windows and a door. A green hose is coiled on the wall. A yellow wooden structure is visible on the roof.

Upside Down Team Planning

Define Your Migration's Success

- Deep assessment of source and target environments
- Bug Bashing Contest
- Stay on budget
- Stay on time
- Content Value Assessment
- Users Adoption
- Minimize impact to the business / Concurrent Users?
- Good support from vendors
- Size of content
- Complexity of content
- Complexity of permissions
- Setting an appropriate expectation for business leaders

Milestones



(End User) Communicate the Plan

- When their content will be migrated or archived?
- How the migration will affect them?
- What (if any) tasks will be required of them to complete the migration
- How to use Teams and/or Office 365
- Audience
- Communication Method
- Communication Objective and Purpose
- Communication Frequency
- Communication Responsibility



Clean data before migrating

- Validity
- Accuracy
- Completeness
- Consistency
- Rule-based cleansing
- Redundant: Duplicated content
- Obsolete: Outdated content
- Trivial: Questionable content
- New naming conventions
- Clean up Source AND Target



Information Strategy

Does my Architecture represent my current organization strategy?

- Acquisitions?
- Leadership Changes?
- Departmental Reorganizations?

Audit and Inventory

- Capture business purpose
- Assess relevance of content (ROT)
- Assess current users
- Trust Relationships
- Sensitive, Regulatory, Important Content



This Photo by Unknown Author is licensed under [CC BY-SA-NC](#)

Red Flags

- No Sponsor
- No Content Analysis
- No Risk assessment
- No user engagement
- No strategy
- No migration experience but you know it's easy
- No tools
- No Test Cases / no Pilot
- But you still set a timeline...

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Where Next Meets Now.

Five Pillars of a successful Migration



Migrate

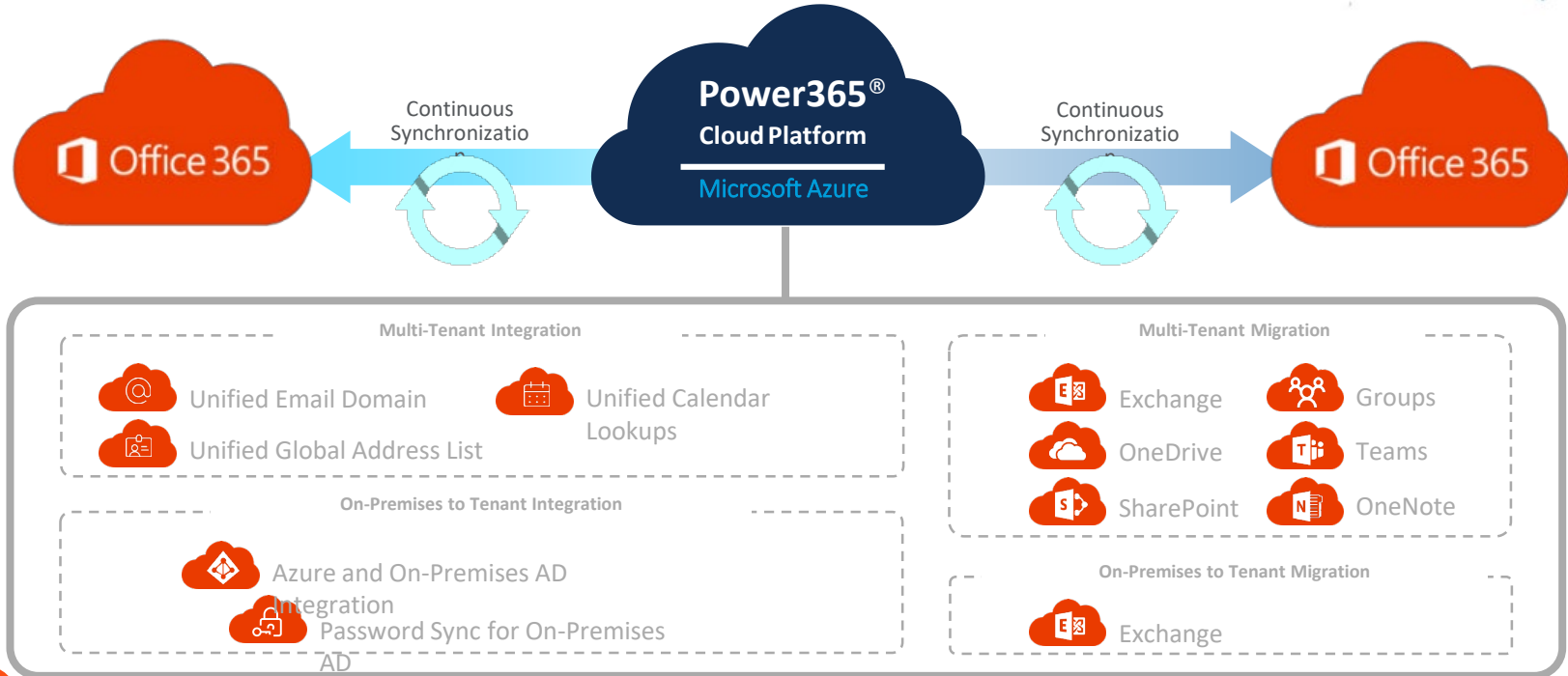


Move content on-premises, in the cloud, or in a hybrid environment.



The Power365® Platform

POWERED BY BINARY TREE



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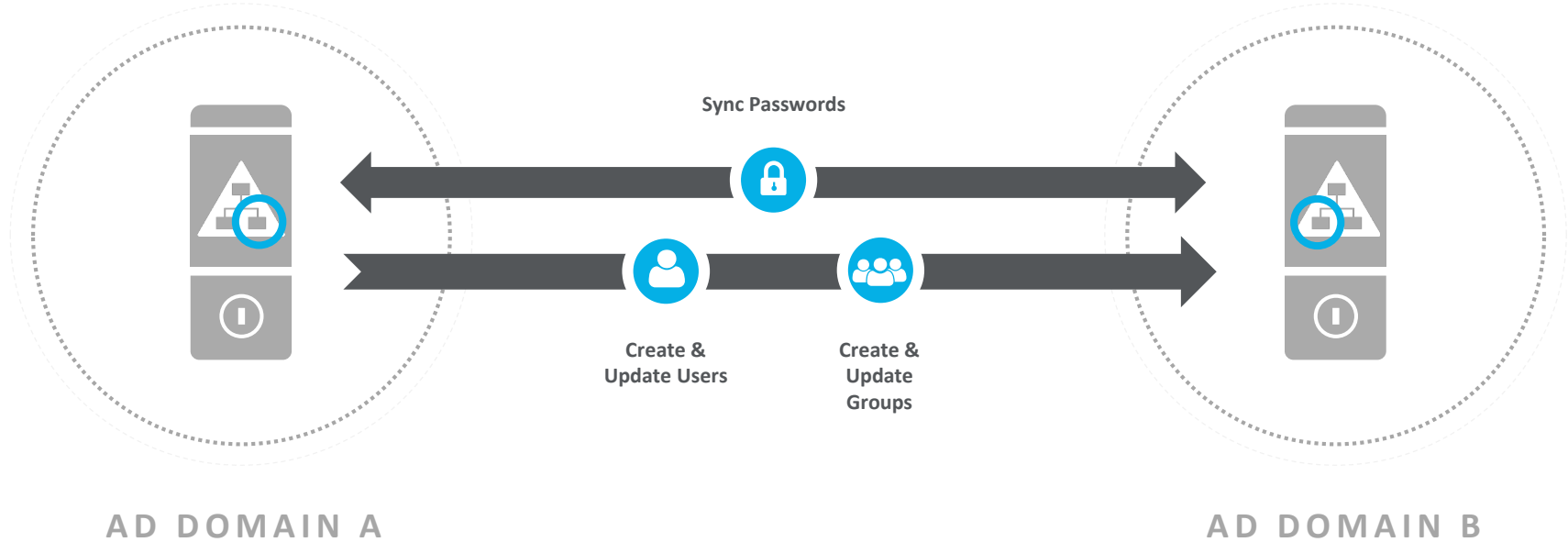
Where Next Meets Now.



The Three Tiers of Power365® Tenant-to-Tenant

	Migration	Integration	Integration Pro
Power365 Setup Pro Automatically configure Outlook for a smooth transformation			
Mail Migration High-velocity migration of mailboxes and archives between Office 365 tenants or on premises and hosted Exchange			
OneDrive, SharePoint, and OneNote Migration Optional SharePoint, OneDrive, and OneNote content migration			
Teams and Unified Groups Migration Teams and Unified Groups content migration			
Power365 Public Folders Migrate all public folder data and permissions with one-way sync			
Address List Synchronization Unified Address List across business units or organizations for communication convenience			
Calendar Free/Busy Access calendar availability between tenants for ease of collaboration			
On-premises Active Directory Support Complement Azure AD Connect by making changes to on-premises Active Directory objects			
Power365 Directory Sync Lite Synchronize directories between tenants or environments			
Domain Sharing Email address rewrite solutions for communicating as a single, unified brand, without downtime			
Domain Moves Move a domain name to a new tenant without downtime or interrupting end-user productivity and collaboration			

What is Directory Synchronization?



Challenge #1: Time

Most Synchronization Tools Take Days to Deploy



YOU MUST TAKE THESE STEPS

- ① Configure VPNs
- ② Configure network routes
- ③ Configure name server conditional forwarding
- ④ Configure firewall rules
- ⑤ Configure cross-organizational health and compliance checks

Challenge #2: Limiting

Most Synchronization Tools Are Inflexible and Limited in Scope



- ➞ Limited to synchronizing a Global Address List
- ➞ Limited password sync capabilities
- ➞ Limited ability to restructure data
- ➞ Limited adaptability and customization

Challenge #3: Security

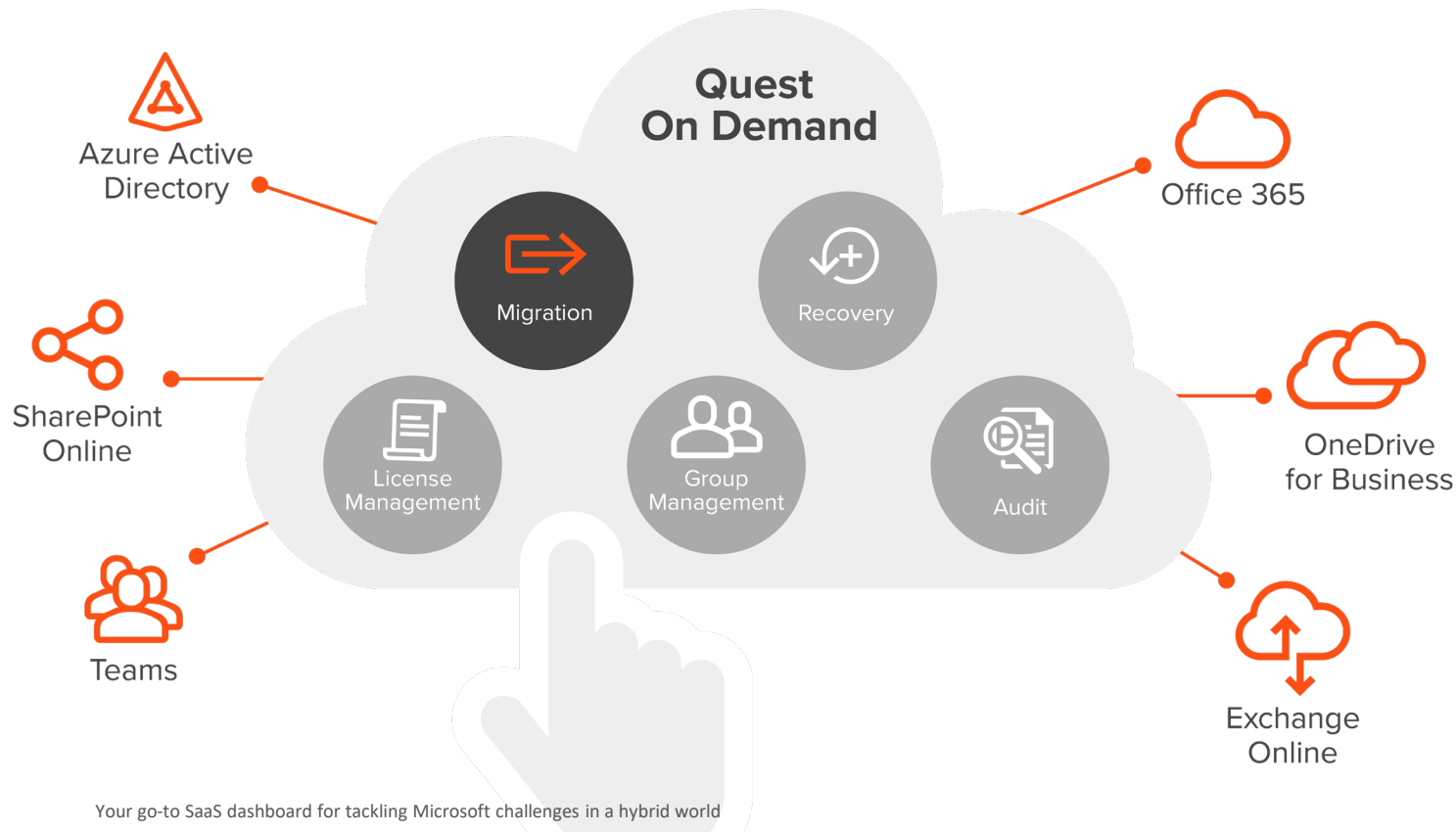
Most Synchronization Tools May Not be Secure



MOST DIRECTORY SYNC SOLUTIONS DO NOT

- Support data encryption
- Leave your firewall configuration untouched
- Minimize the impacts of potential attacks

Quest On Demand



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Where Next Meets Now.

Mail and Public Folders

Why you care:

- Never lose user access to email data by migrating email data to new mailbox in target tenant
- Preserve shared email data stored in public folders
- Meet compliance needs by migrating legacy archived data

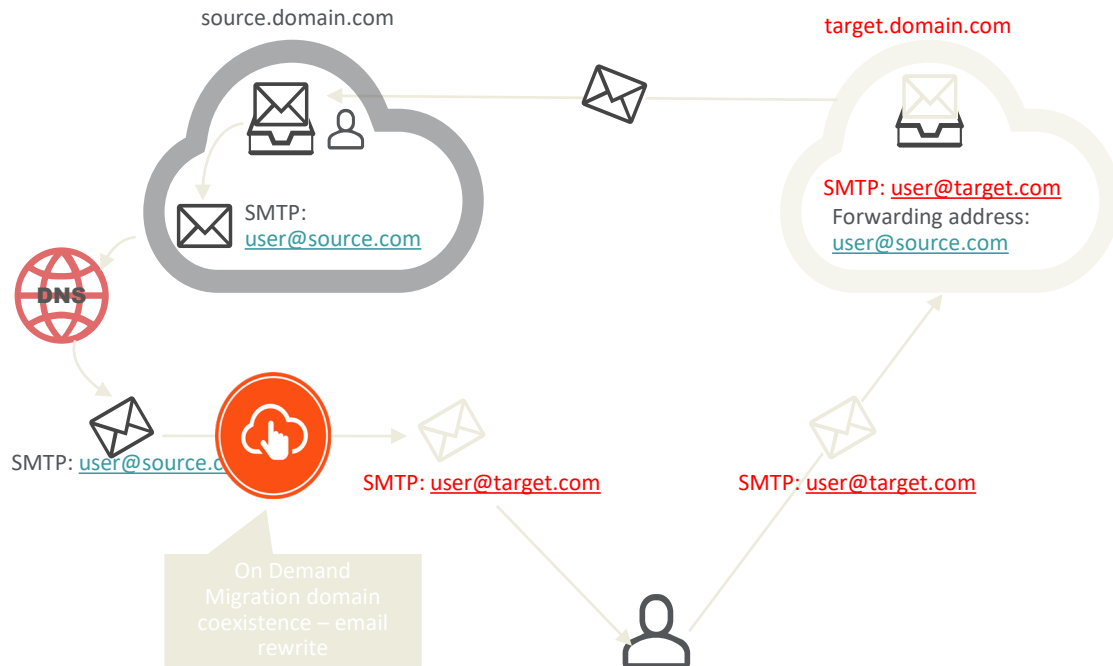
What you should care about:

- Migrate mail to the primary mailbox or archive mailbox for each user
- Filter mail by folder, type, and date shortening migration time
- Ensure uninterrupted access by migrating permissions and delegates
- Schedule tasks to run immediately or at a future time
- Perform address rewriting to maintain a single domain brand for all or selected users
- Update Outlook profiles once migration completes



Email Co-Existence

- Maintain corporate branding
- Maintain email performance and reliability
- Keeps you from losing email!
- Selectable – choose which users can use target email domain (and when)
 - Set it and forget it



Power365 Provides a Complete Mailbox and Public Folder Migration...



And Solves the
Other Primary,
Critical Challenges

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QUESTION:

I am ready to start using my new mailbox. Do I have to **manually disable my old mailbox** in the old environment?



THE ANSWER:

Unlike existing alternatives, **Power365 automates this process** avoiding tedious, manual processes, saving time and money.



QUESTION:

I want to set up a **common Address List** and also **enable calendar sharing** across tenants. How can I accomplish this?



THE PROBLEM:

Power365 is **the first solution available to automate** a common address list, calendar sharing and transparency across tenants!

Power365 Provides a Complete Mailbox and Public Folder Migration...



And Solves the
Other Primary,
Critical Challenges

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QUESTION:

I am ready to start using my new mailbox. How can I still **get mail sent to my old address**, and not **confuse recipients** who do not know my new address?



THE ANSWER:

Going beyond competing alternatives, Power365 **automates the address rewrite process**, without tedious, extra, manual steps, for both incoming and outgoing mail.



QUESTION:

After the migration, I want everyone to **use the same email domain**. We want a unified brand. But that often has problems and takes a while, right?



THE PROBLEM:

Power365 is the first solution to **automate the entire email address rewrite and domain move process – without downtime!**

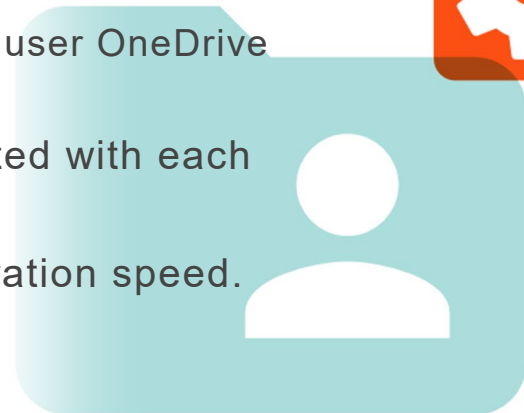
OneDrive

Why you care:

- **Allow for continued access to file storage** by migrating user OneDrive accounts to the new tenant.
- **Preserve document versions and metadata** associated with each document.
- **Exclude unwanted data** with filtering to increase migration speed.

What you should care about:

- Migrates file versions for each document migrated
- Preserves user and sharing permissions to allow continued access
- Filters data based on folder, type, date or size to speed migration
- Schedules migration tasks to meet your schedule



SharePoint Online

Why you care:

- **Maintain documents and valuable data** stored in SharePoint sites and document libraries
- **Ensure continued access** by preserving site and document permissions
- **Maintain compliance** by preserving metadata

What you should care about:

- Discover site collections to plan the migration
- Migrate classic and modern team sites to the target tenant
- Migrate documents libraries and lists
- Preserve metadata and permissions
- Include Essentials for advanced SharePoint migration



Basic SPO Tenant Migration:

Migrate basic SharePoint Online content:

- Standard site
- Classic team site
- Communication Site
- Blogs
- Community Sites
- Project Online

Also migrate: Azure Active Directory:

- Users
- Groups



On Demand Migration – SharePoint

- User mapping (via ODM Account Management)
- Lists and document libraries (out of the box)
- Basic metadata (Author, Editor, Created, Modified)
- Complex Metadata (Text, choice, formula, calculated [No Lookup or MMD])
- Folders, Public list views
- Site content types
- Activate Site Features
- Site-level columns, List-level columns
- Document / list item security
- SharePoint site templates (Standard): STS#0 - a classic team site. STS#3 - a new team site.
- "Out of the Box" SharePoint sites - sites that do not use any coding or 3rd party tools
- Preserve list item IDs
- Navigation, site description, and quick launch bar
- OneNote notebooks

More Complex SharePoint Online Migration

Combine ODM with Essentials

Migrate Azure AD accounts plus access to all ODM workloads:

- Exchange
- OneDrive
- SharePoint
- Teams

Essentials brings:

- Reporting
- Advanced logging for auditing
- Moving/copying between sites
- Term Store to manage Term Groups, Term Sets, and Terms

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Essentials

- Remap SharePoint site templates
- Reporting
- Logging – for auditing purposes
- Local file shares, Box, Dropbox
- Manage a large amount of files in One Drive / folder
- Tagging/classification of migrated content
- Moving/copying content between sites, lists and folders
- Reprocess failed items
- Out of the Box Workflows, SharePoint Designer Workflows, Nintex Workflows, Nintex Forms
- Correct / update links
- Webparts
- Term Store
- Live Compare – comparing / synchronizing objects & content in any two site collections, sites or lists
- Alerts
- Version History

Microsoft Teams

Why customers care:

- **Never lose valuable data** stored in Teams channels, conversations, and documents.
- **Continue to participate and interact in discussions** -- even after being migrated -- including all historical data.
- **Merge or rename Teams** as they are migrated to the new target tenant.

What you should care about:

- Discover all Teams on the source including team members and groups
- Provision Teams and channels in the target tenant
- Preserve user and group access and permissions
- Migrate files stored in Teams channels
- Rename or merge Teams while migrating
- Migrate all conversations
- Migrate OneNote
- Migrate Planner
- Migrate Office Tabs

Throttling of Office 365 Workloads



<https://www.quest.com/community/blogs/b/microsoft-platform-management/posts/impact-of-sharepoint-online-throttling-on-migrations>

Five Pillars of a successful Migration

Plan, migrate, manage and secure your content **on-premises**, in the **cloud**, or in a **hybrid environment**.



Manage

Streamline control to manage content and optimize storage and performance.



Secure

Secure sensitive content and execute your governance strategy.



Management & Security

- **How is Teams being used?**
- **Re-structure and organize content**
- **Have users reverted to old behaviours?**
- **Clean up** (permissions on resources, sIDHistory, AD Trusts, infrastructure connections)
- **Proactive Monitoring**
 1. You can actively monitor what is being created and used.
 2. This can indicate ROI by showing that people are using the tools.
 3. Who are the biggest users?
 4. Which sites are utilised / underutilised?
- **Manage your permission structure and group rights**
- **Use third-party tools for provisioning and Governance**
- **Maintain GDPR Compliance in Hybrid Modern Workplace**

Five Pillars of a successful Migration



**Learn and start a
new migration**

Collect Feedback

Good, Bad, Ugly

Share Lessons Learned



5th Pillar: Evaluate, share, collect Feedback, learn

- **Do not do whole migration and then validate!**
 - Validate with automation
 - Validate with data owners
 - Validate continuously
- **Is any remedial action required?**
 - What is it?
 - Will it re-occur?
 - Can it be fixed by adjusting the tool?
 - Can it be fixed with a Transform?
 - Can it be ignored

Thank you!
Any questions?

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Quest is the
company customers
have counted on to
write the software
that makes their
enterprise go 'round.

30+
years

4,000
employees

\$1B
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100
countries



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