

Mastering Tenant-to-Tenant Migrations in Microsoft 365



About Peter



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Agenda

- Intro
- Scenarios
- The Migration





Business Drivers

Mergers

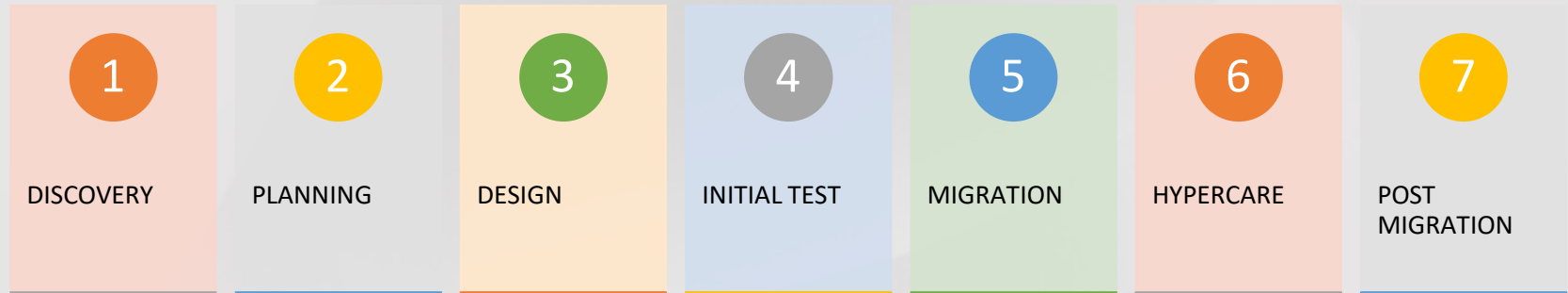
Acquisitions

Divestitures

The Migration Journey!

- Remember all the stakeholders in the entire Organization
- The migration journey contains:
 - Assessment
 - Planning and testing
 - Migration
 - End User Adoption
- To succeed you need the business with you!
- Planning and End-User communication is KEY

The Planning Process



Identify the
workloads to be
migrated

Azure Active Directory

Exchange Online

OneDrive for Business

SharePoint Online

Teams

Planner

What about the other services?

- Yammer
- Microsoft Information Protection
- Intune
- Stream
- Azure
- PowerBI
- Dataverse
- Dynamics Apps
- PowerApps
- PowerAutomate



Migration Approach - Big Bang

Advantages

- Less complex
- Easier end-user training and understanding
- Minimal transistion

Disadvantages

- Limited scenarios
- Higher Risk
- Availability

Migration Approach - Sequential

Advantages

- Less risks
- Co-existence
- No alternatives in large environments

Disadvantages

- More complex
- More difficult process
- Time consuming

Migration - Important Decisions

Target
tenant:

- New environment
- Existing environment

Migration
Approach:

- Big bang migrations
- Staged Cut-over
- Co-Existence
- Balance the Risk and Business Deadlines

An aerial photograph of a large container ship sailing on a deep blue ocean. The ship is viewed from above, showing its long deck loaded with numerous colorful shipping containers in shades of orange, red, blue, and white. The ship's hull is white, and it leaves a white wake behind it. The text "Migration of the services" is overlaid in white, sans-serif font across the middle of the image.

Migration of the services

Identity

- Creating Users in the new tenant and environment
- Cloud-Only
- Active Directory
- Federated



Exchange Migration

- Mailboxes
- Shared Mailboxes
- Rooms and Equipment
- Groups
- Meetings
- Mailbox Permissions and Delegations
- Public Folders



E-mail planning

- E-mail Domain
- Co-existence
 - Mail flow
 - Calendar Federation
- MX Backup



SharePoint & OneDrive

- Data & Versioning
- Issues with:
 - Custom settings
- SharePoint vs Teams



Microsoft Teams

- What can be migrated:
 - Teams data (files)
 - “Teams chat”
 - Team chat (conversations)
 - 1-1 chat
- Limited APIs
 - Different data storage sources
- Recreate Structure and permissions



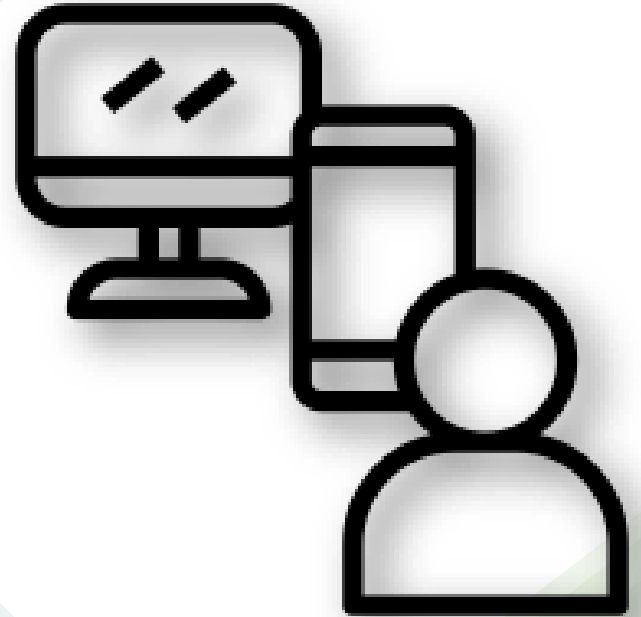
Migration Challenges

- Encrypted Data
 - MIP Labels
- Retention Policies
- Connectors controlling mail flow between partners
- Meetings
 - Existing meetings need to be deleted by users – cannot be rescheduled
 - New meetings will need to be re-created by all users, replacing existing meetings
- Shared Channels
- Shared Links
- External Guests
- Azure AD App Registrations and 3rd Party Apps
- DSC 365
- Migration Performance
 - Bandwidth Throttling



End-Users

- End User Communication
 - Communicate the Plan
 - When will they be migrated
 - How will it affect them
 - What tasks might be required by them before/after migration
- Clients and Mobile Phones
 - Software reconfiguration
 - Profile recreation
- Communication
 - Method
 - Objective and Purpose
 - Frequency
 - Responsibility
 - Support



Post Migration

- Old Tenant Decommission
- Client Cleanup
- Licensing
- Backup



3. Party Migration Tools

- Quest On Demand Migration
- BitTitan MigrationWiz
- Skykick
- CodeTwo
- Apps4.pro
- ShareGate



Microsoft Cross Tenant User Data Migration Roadmap

Cross-tenant User Data Migration

- Cross-tenant mailbox migration
- Cross-tenant OneDrive migration
- Cross-Tenant Identity Mapping (Preview)
- Domain Sharing for email (Preview)

Cross-tenant User Data Migration

- SharePoint sites (Preview)
- Microsoft 365 Groups
- Teams chat & meetings
- Teams & Channels

Cross Tenant User Data Migration is available as an add-on to the Microsoft 365 subscription plans

Migrations

Warning signs

- No Sponsor
- No Data Assessment
- No Risk Assessment
- No User Engagement
- No Strategy
- No Migration experience
- No Tools

But you still set a timeline...





Lessons Learned

- Assessment overview
- A good plan is the key to success
- End User Adoption and Communication is the key to success
- Testing is essential
- Execute
- Organizational Stakeholders
- Migration is complex