



May 31 – June 2, Oslo Spektrum

10th anniversary

Peter Schmidt & Michael Mardahl

Mastering a Tenant-To-Tenant Migration

About Peter



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About Michael

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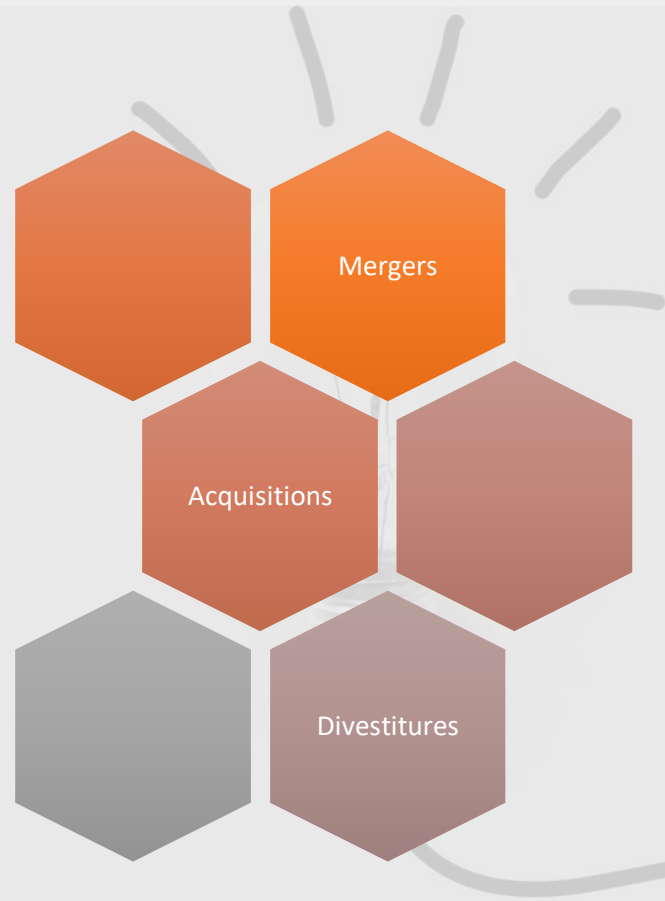
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Agenda

- Intro
- Scenarios
- Migration
- Lessons Learned



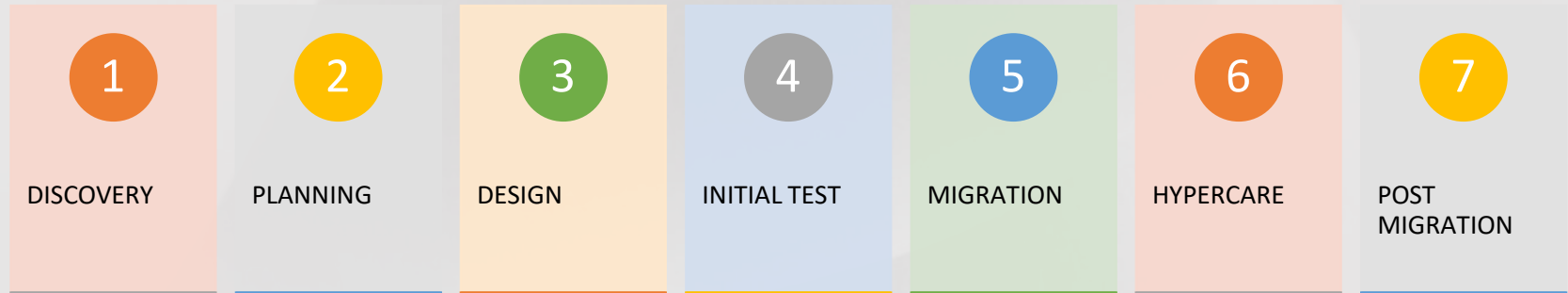
Business Drivers



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!
- End User communication and planning is VERY important

The Planning Process



What to do?



ASSESSMENT



KNOW YOUR DATA AND
YOUR USERS

Identify the
workloads to
be migrated

Azure Active Directory

Exchange Online

OneDrive for Business

SharePoint Online

Teams

AZURE!

What about other services/workloads

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



Migration Approach

Big Bang

Sequential

Big Bang

Advantages

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

Disadvantages

- Limited scenarios
- Higher Risk
- Availability

Sequential

Advantages

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

Disadvantages

- More complex
- More difficult process
- Time consuming

Important Decisions

Move into:

- 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
- 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



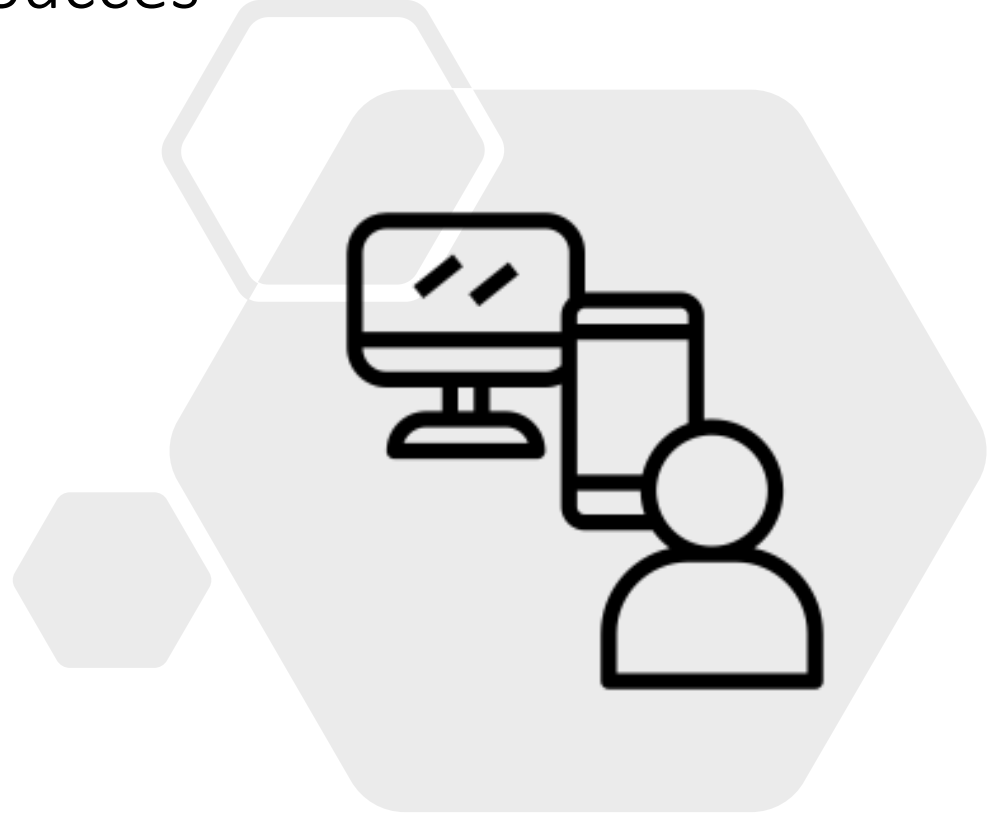


Migration Challenges

- 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 Links
- External Guests
- Azure AD App Registrations and 3rd Party Apps
- DSC 365
- Migration Performance
 - Bandwidth Throttling

Users Are the Key to Success

- 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 Cleanup
- Client Cleanup
- Licensing



Some of the Migration Tools Available

- Quest On Demand Migration
- BitTitan MigrationWiz
- Skykick
- CodeTwo
- Apps4.pro
- Microsoft's own tools
 - Mover.io (getting deprecated)
 - Cross Tenant Mailbox Migration (Public Preview)



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

- Content overview
- 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

Questions

Remember the feedback !



Slides and demos from the conference will be available at

<https://github.com/nordicinfrastructureconference/2022>