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Mastering a Tenant-to-Tenant Migration

MICROSOFT 365 VIRTUAL MARATHON 2022 SPONSORS

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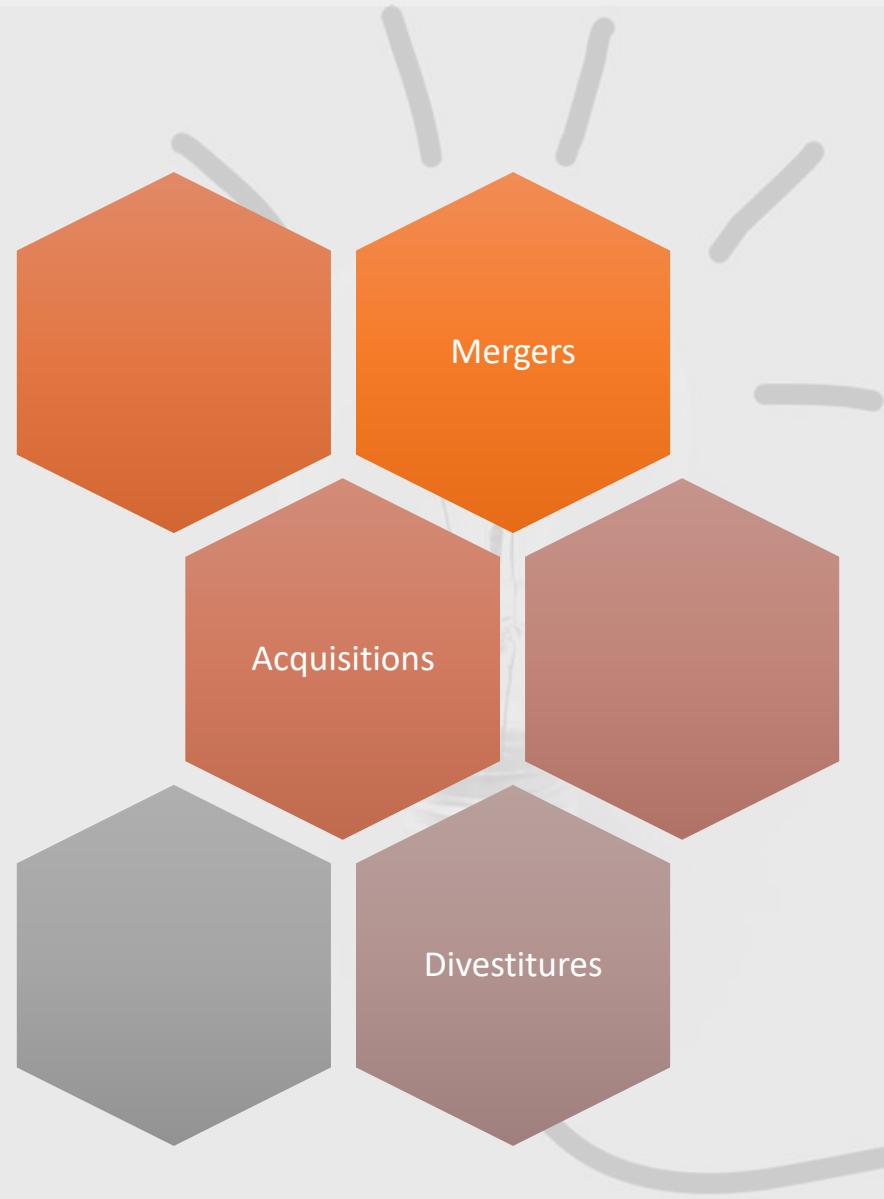
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Agenda

- 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 communitation and planning is VERY important

The Planning Process

1	2	3	4	5	6	7
DISCOVERY	PLANNING	DESIGN	INITIAL TEST	MIGRATION	HYPERCARE	POST MIGRATION
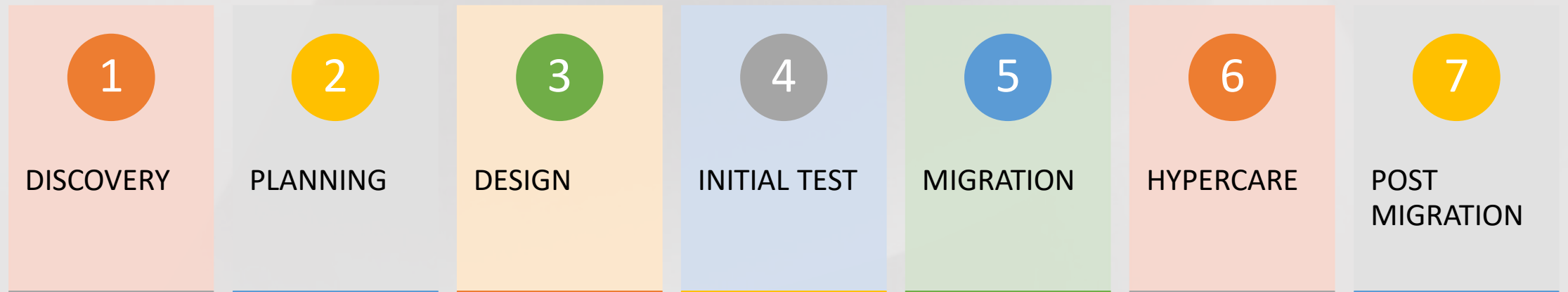
What to do?

ASSESSMENT

KNOW YOUR DATA AND YOUR USERS

Identify the workloads to be migrated

Azure Active Directory

Exchange Online

OneDrive for Business

SharePoint Online

Teams

What about other services/workloads

- Yammer
- Microsoft Information Protection
- Intune
- Planner
- Stream
- PowerBI
- PowerApps
- PowerAutomate

Migration Scenarios

Business scenario	Architecture scenario		Architecture approach

I sold a business unit and brand identity

Contoso users will continue to be known as *user*@contoso.com.

Tenant-to-tenant migration without rebranding

Identities will migrate to a target tenant and will keep the existing domain as part of the migration.

→ **Single-event migration**

Almost everything is migrated in a single event. Higher risk, shorter timeline.

Avoid single-event migrations larger than 15,000 users or 7 TB of site content.

Data volumes, network bandwidth, and helpdesk capacity can be limiting factors to scale. Consider using an alternate temporary domain for a phased migration if you are unable to accommodate a single event.

I sold a business unit and the business unit will adopt the target company's branding

Contoso users will be known as *user*@fabrikam.com.

Tenant-to-tenant migration with rebranding

Identities will migrate to a new target tenant and will change the brand identity as part of the migration.

Choose one

Phased migration

Gradual migration of users, services, and data. Source domains are not transferred. Users assume new target domains. Lower risk, longer timeline.

Coexistence limitations can cause issues.

I need to split users across two tenants

My company cannot use the registered (*.onmicrosoft.com) tenant name

I'm moving from a commercial tenant to Microsoft Cloud for Government

Cloud tenant move

Identities remain in the source tenant, but all users in the affected domain and all workloads are moved to a new cloud tenant.

→ **Tenant move or split**

Similar to single-event migration, except this does not include migrating accounts to a new on-premises AD DS forest. For tenant splits, this approach is not intended for long-term coexistence.

Migration event includes additional work to re-establish existing identities to the new tenant.

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

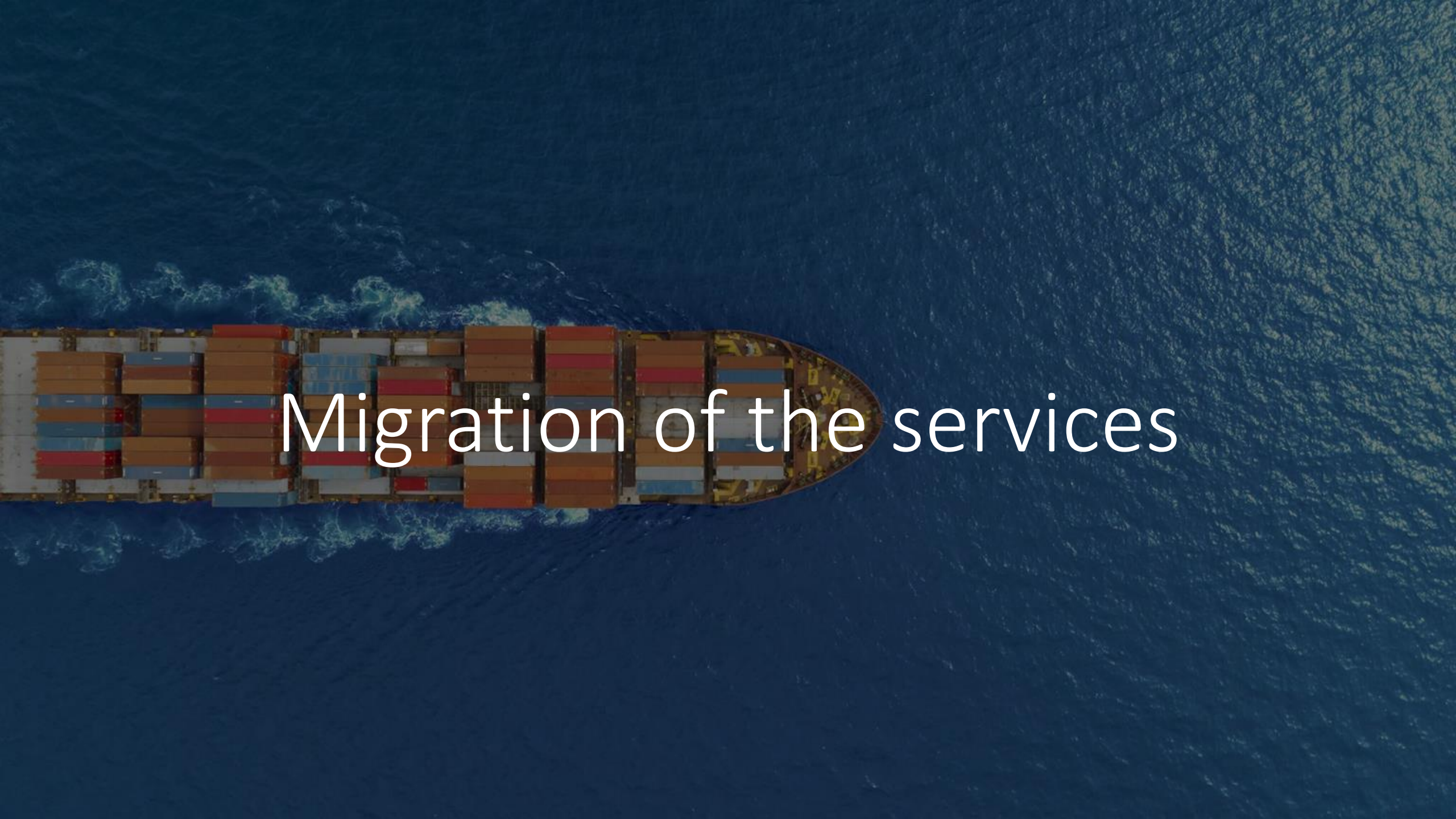| Advantages	Disadvantages
• Less risks • No alternatives in large environments	• More complex • More difficult process • Co-existence • Time consuming

Important Decisions

Move into:

- New environment
- Existing environment

Migration Approach:

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

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

Microsoft Teams

- What can be migrated:
  - Teams data (files)
  - "Teams chat"
    - Team chat
    - 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
- SPO Custom sites
- External Guests
- Azure AD App Registrations and 3rd Party Apps
- Migration Performance
  - Bandwidth Throttling

Users Are the Key to Succes

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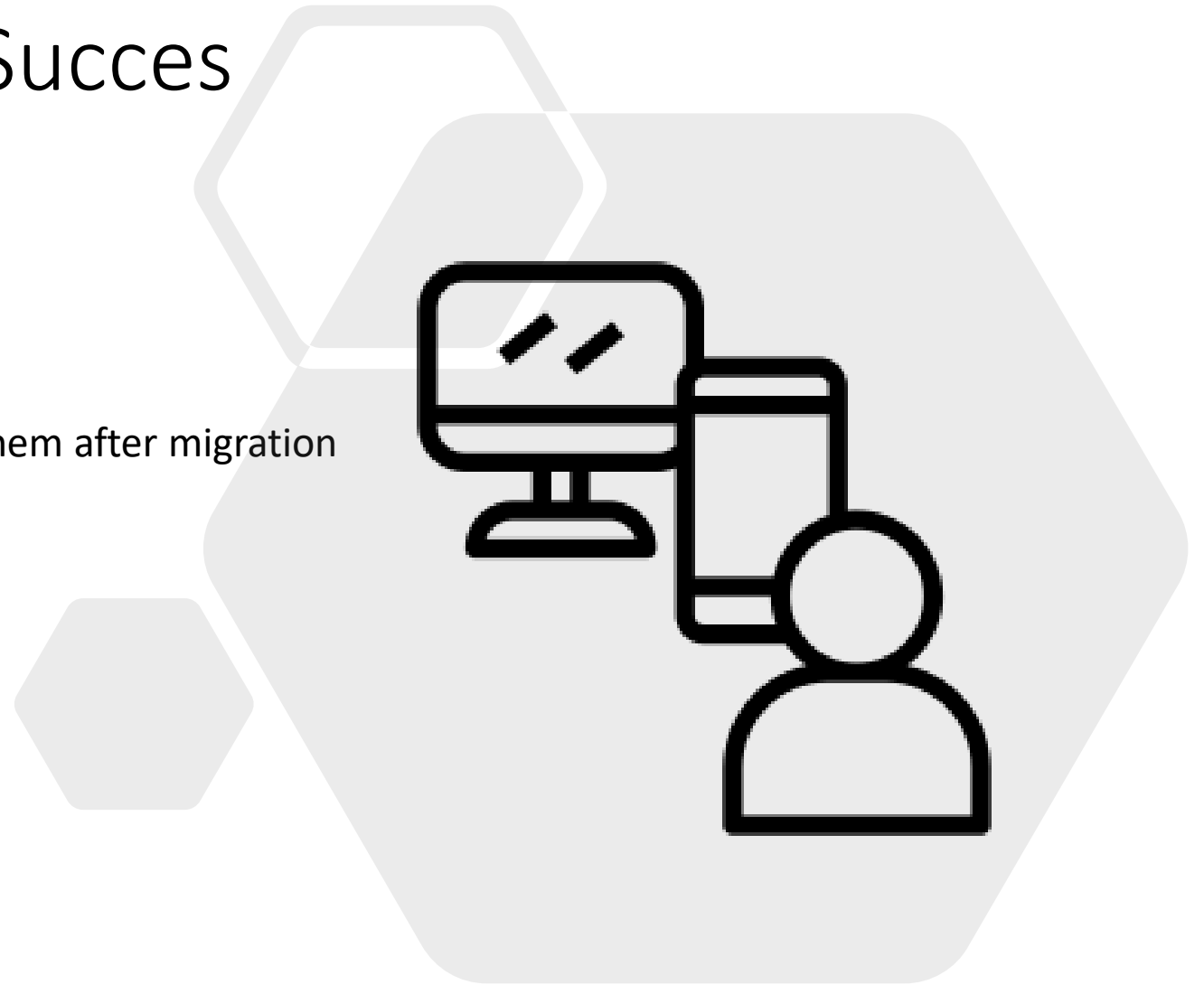
Post Migration

- Old Tenant Cleanup
- Client Cleanup
- Licensing review

Some of the Migration Tools Available

- Quest On Demand Migration

- BitTitan MigrationWiz

- Skykick

- CodeTwo

- Microsoft's own tools
  - Mover.io (through MS Support)
  - Cross Tenant Mailbox Migration (Public Preview)
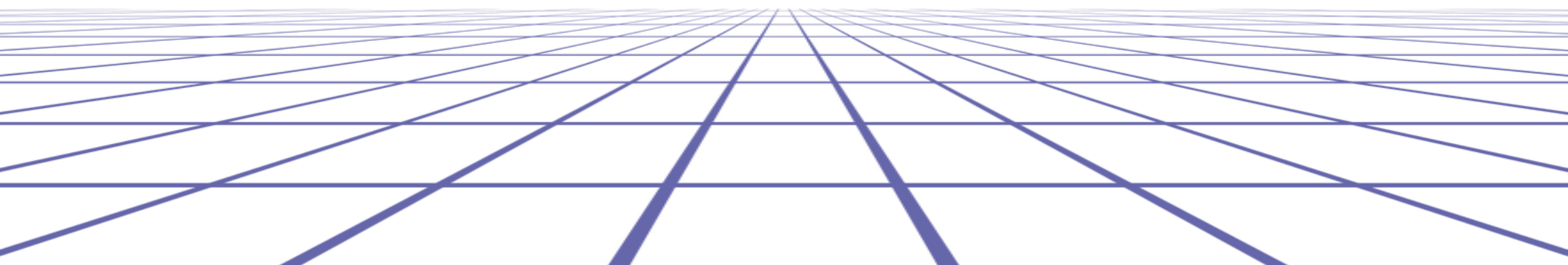
Migrations Warning signs

- 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

Feedback

https://forms.office.com/r/zzULt1dHLi