Exchange 2 Exchange Online Tips 'n' Tricks

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Who am I

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Agenda

- Migration types
- Most common issues
- Tips for Exchagne to Exchange Online migration
- Demo

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What you prefer?

Angry User

Happy User

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Migration Types

- Staged Migration - „Old“ Exchange Servers (2003, 2007)
- Cutover Migration - All Exchange Servers
- Hybrid Migration - Exchange 2010 and newer
- IMAP Migration - All known IMAP-Enabled mail systems
- PST Migration - Last resort migration

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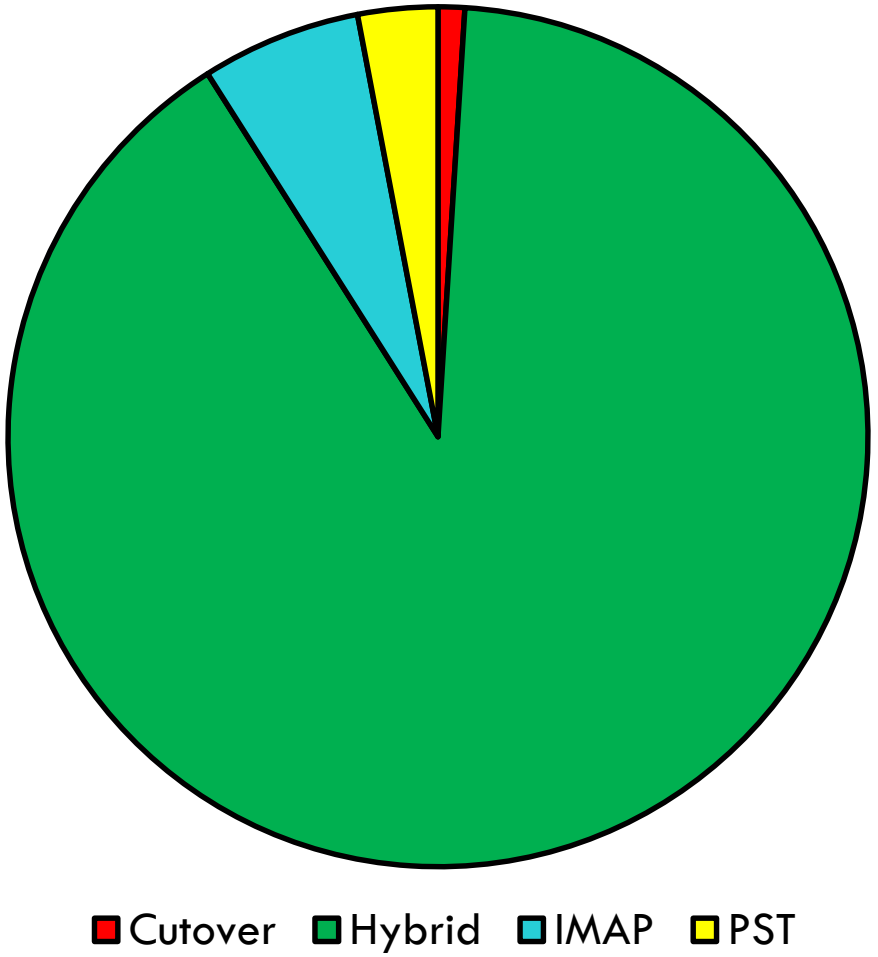
My Experience



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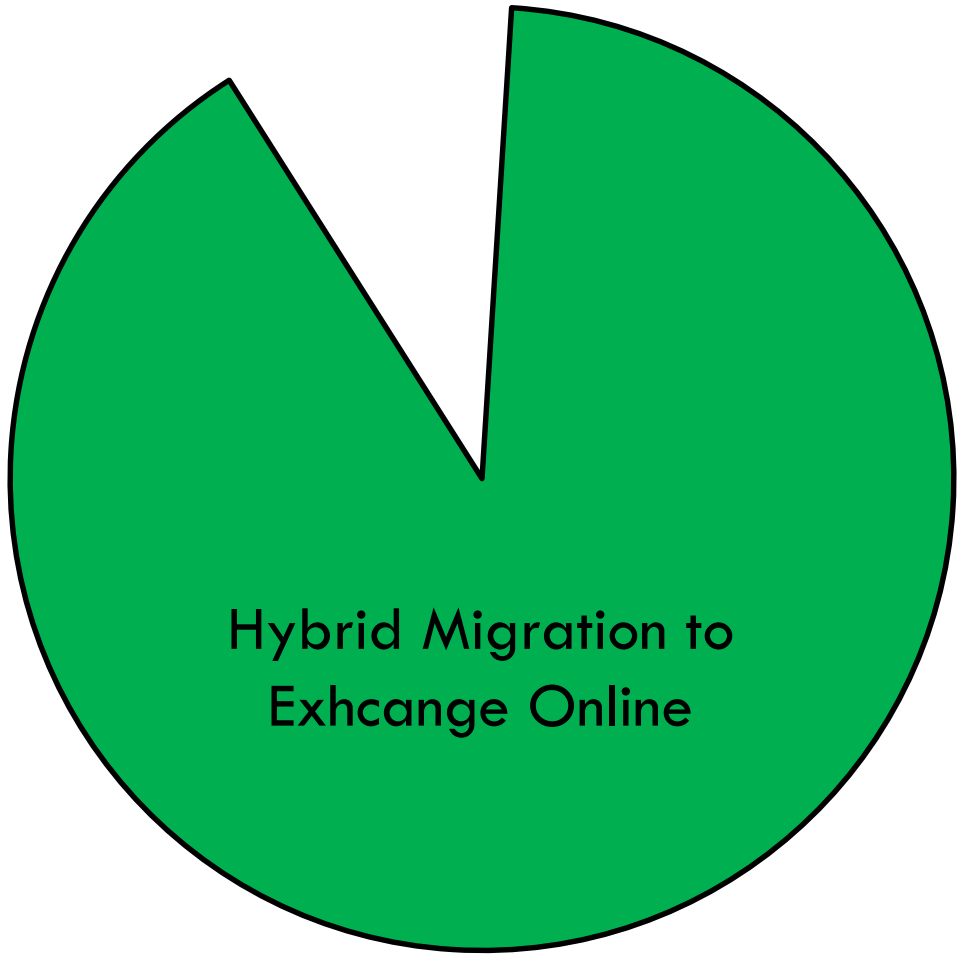

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Cutover Migration

- Move entire email organization to Office 365 in one batch
- Maximum: 2,000 mailboxes, Recommended: 150-200 mailboxes
  - *I have successfully migrated with 300 users and 850 objects*
- The primary on-prem domain name must be an accepted as a domain owned in Office 365
- Users must re-configure email clients
- Potential delay in email routing - No email routing beetwen on-prem Exchange and Office 365

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IMAP Migration

- Migrate ONLY user inbox or other mail folders. Doesn't migrate contacts, calendar items, or tasks.
- Maximum items: 500,000
- The biggest email you can migrate is 35 MB
- To migrate email, you need access to the user mailboxes in your source email system
- Administrator need to manually map source and destination mailboxes
- Users must re-configure email clients

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PST Migration

- The biggest „downtime“ accessing mails
- Most complicated to perform, so many manual steps
- Users must re-configure email clients
- Bottleneck is PST uploading

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Hybrid Migration (Minimal Hybrid)

- Exchange 2010, 2013 or 2016 server on-premises
- Move to Exchange Online over a few weeks or less
- Do NOT plan to continue to run directory synchronization to manage your users
- Users DO NOT need to re-configure Outlook
- AD Connect is required
- Hybrid Configuration is required
- No downtime in mail flow after completing migration batches

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Hybrid Migration (Minimal Hybrid) - Cons

- Secure cross-premises mail flow not supported by default
- Cross-premises Free/Busy, e-Discover or Archiving not supported beetwen on-prem mailboxes and Office 365 mailboxes
- OWA redirection for migrated users not supported
- Cross-premises GAL is not supported

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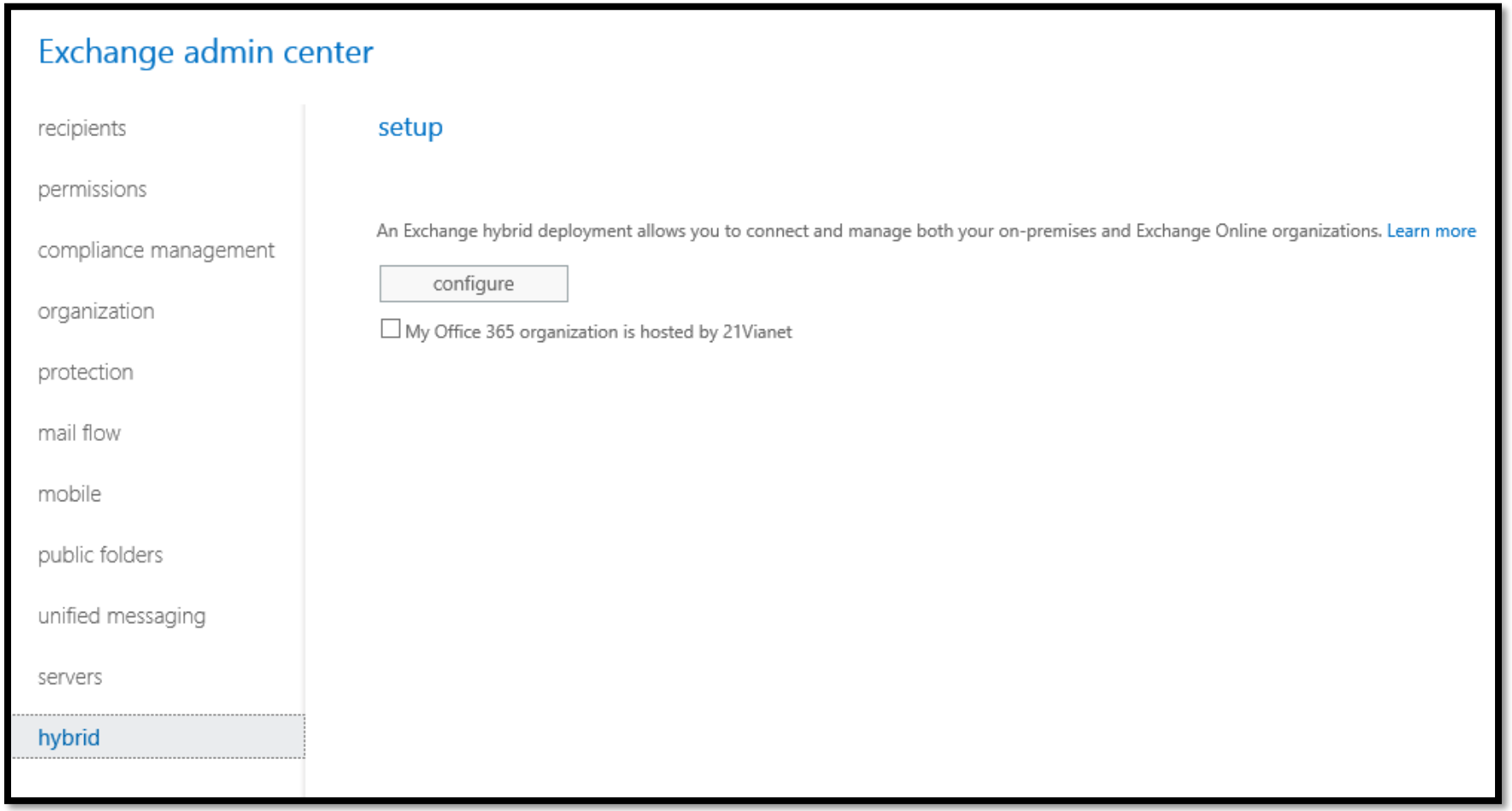
Configuring Minimal Hybrid



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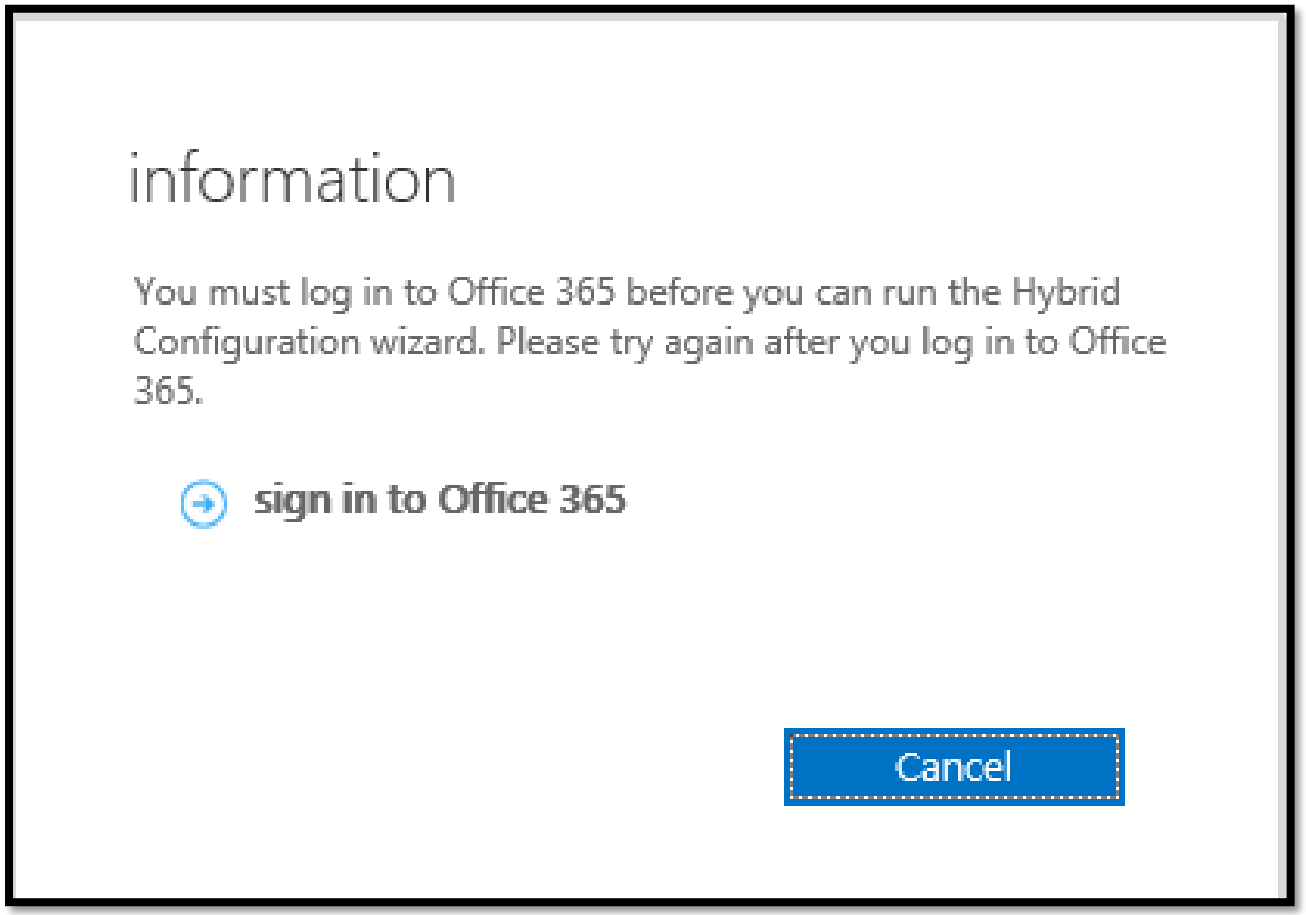

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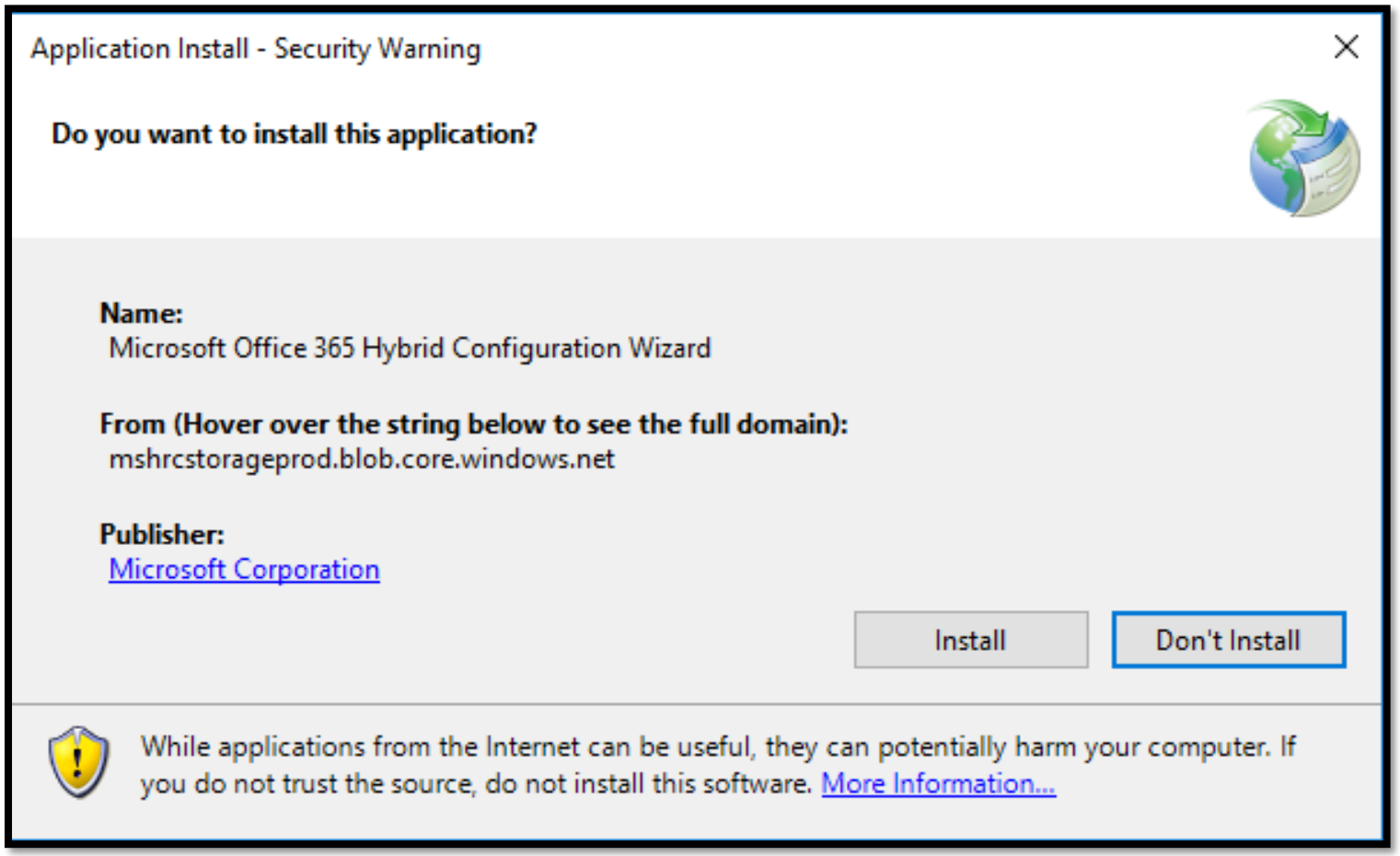

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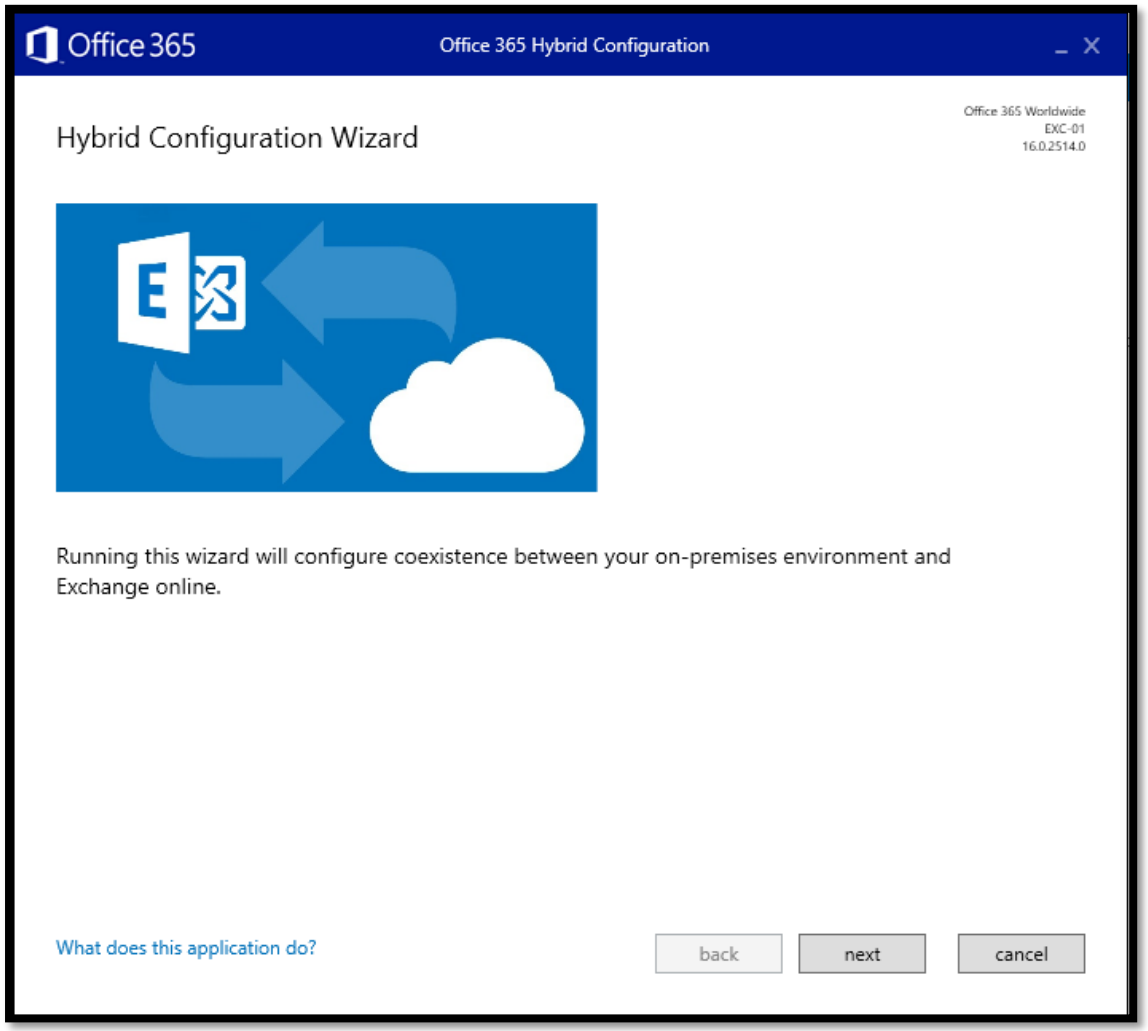

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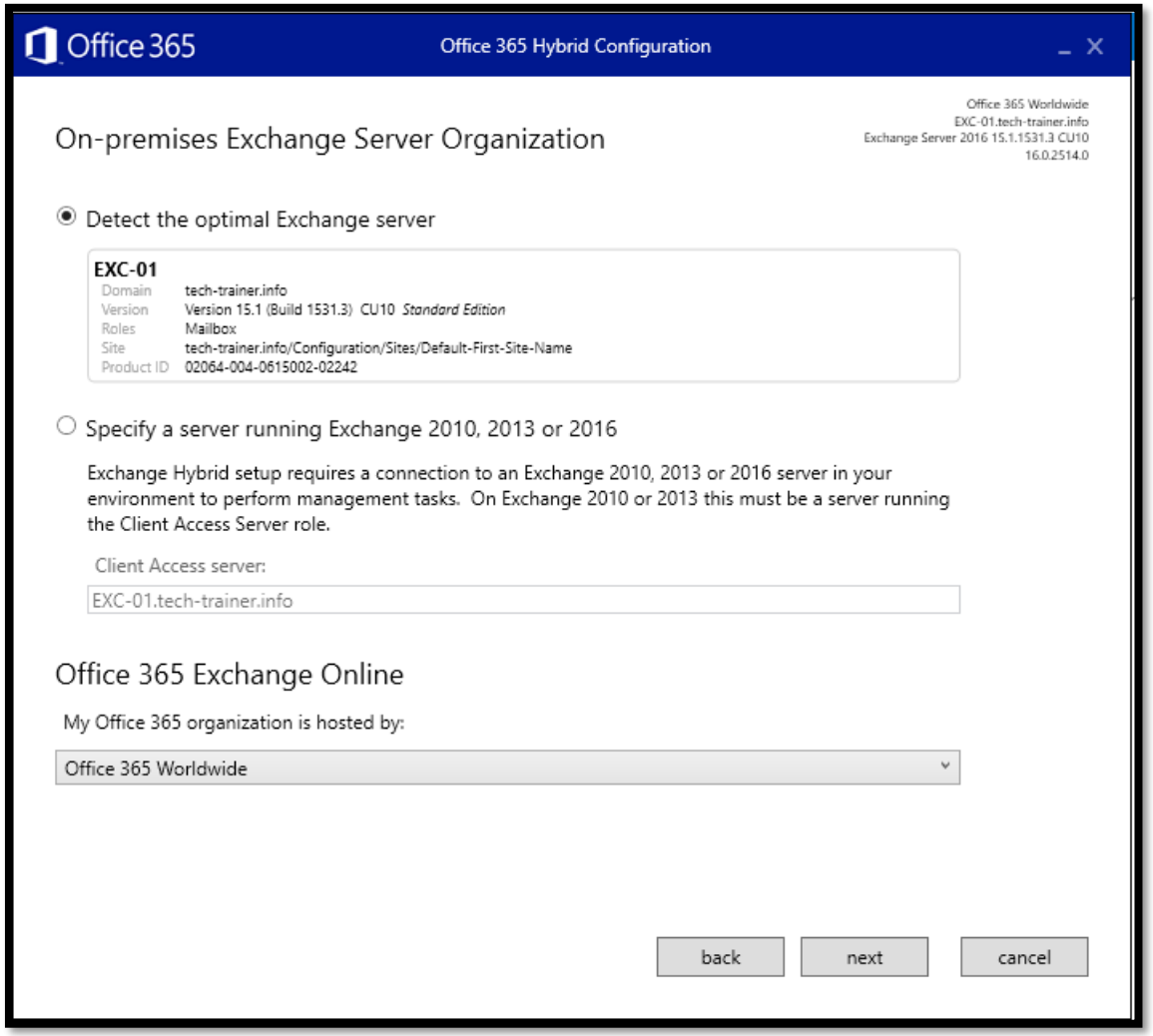

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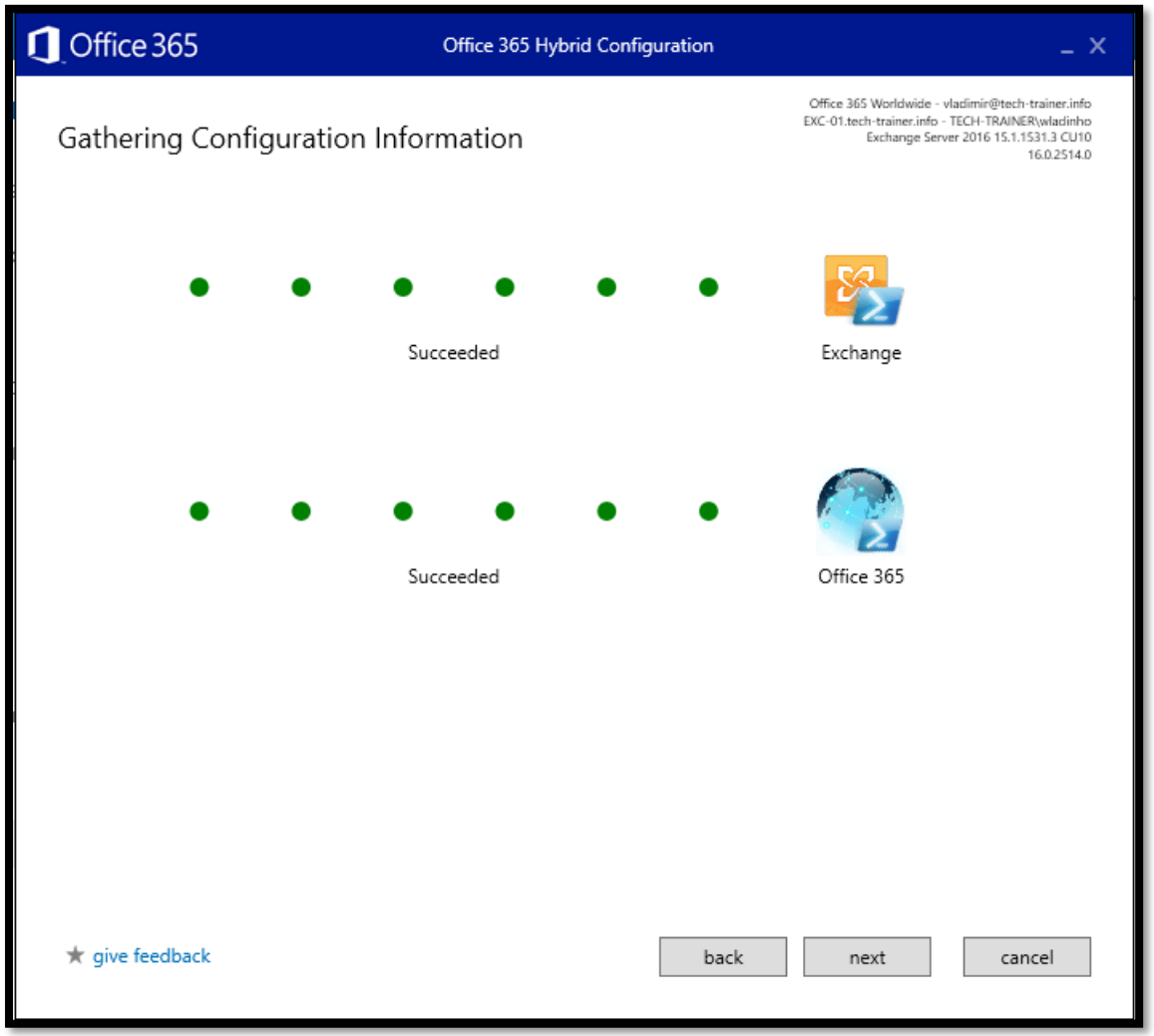

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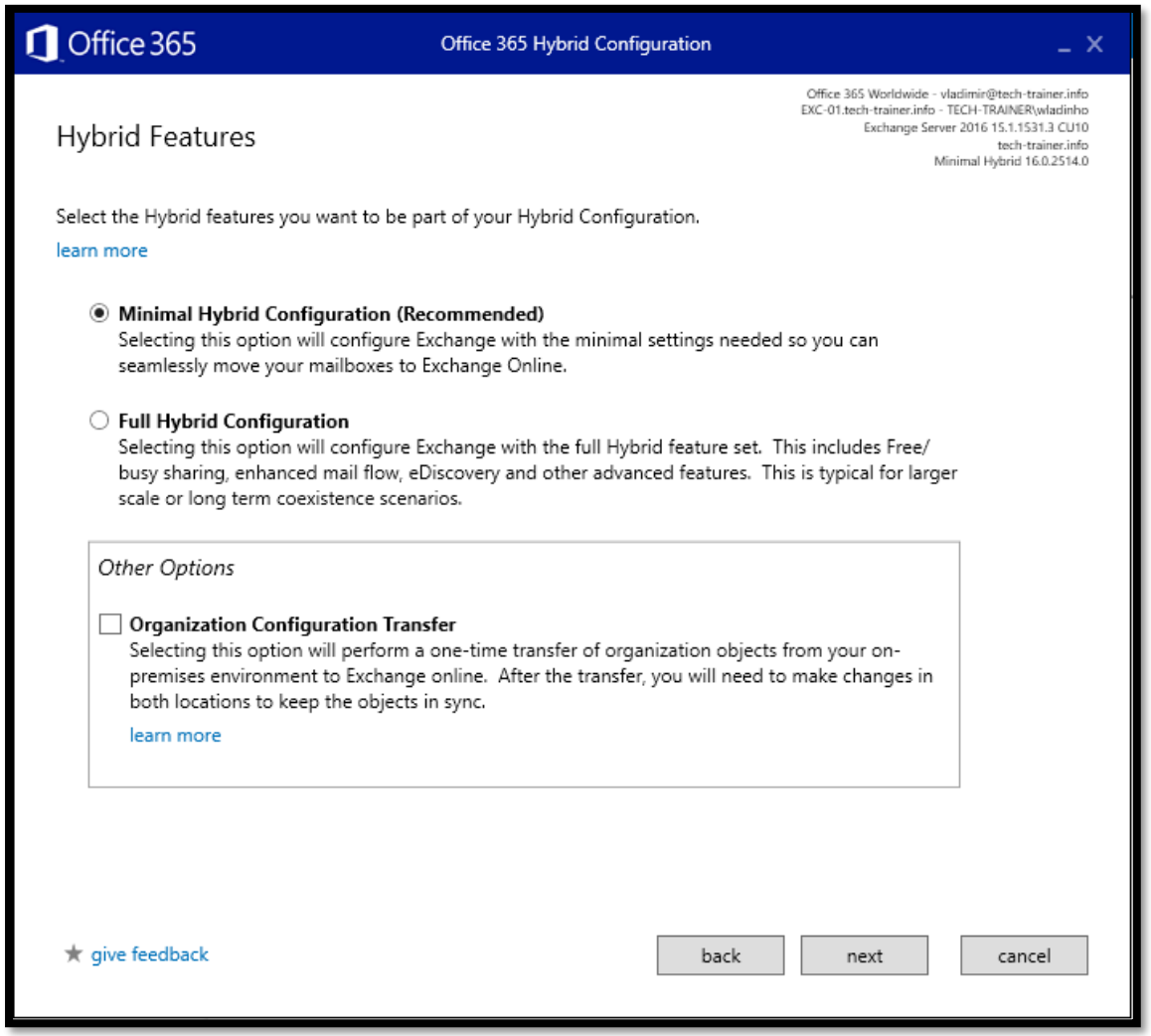

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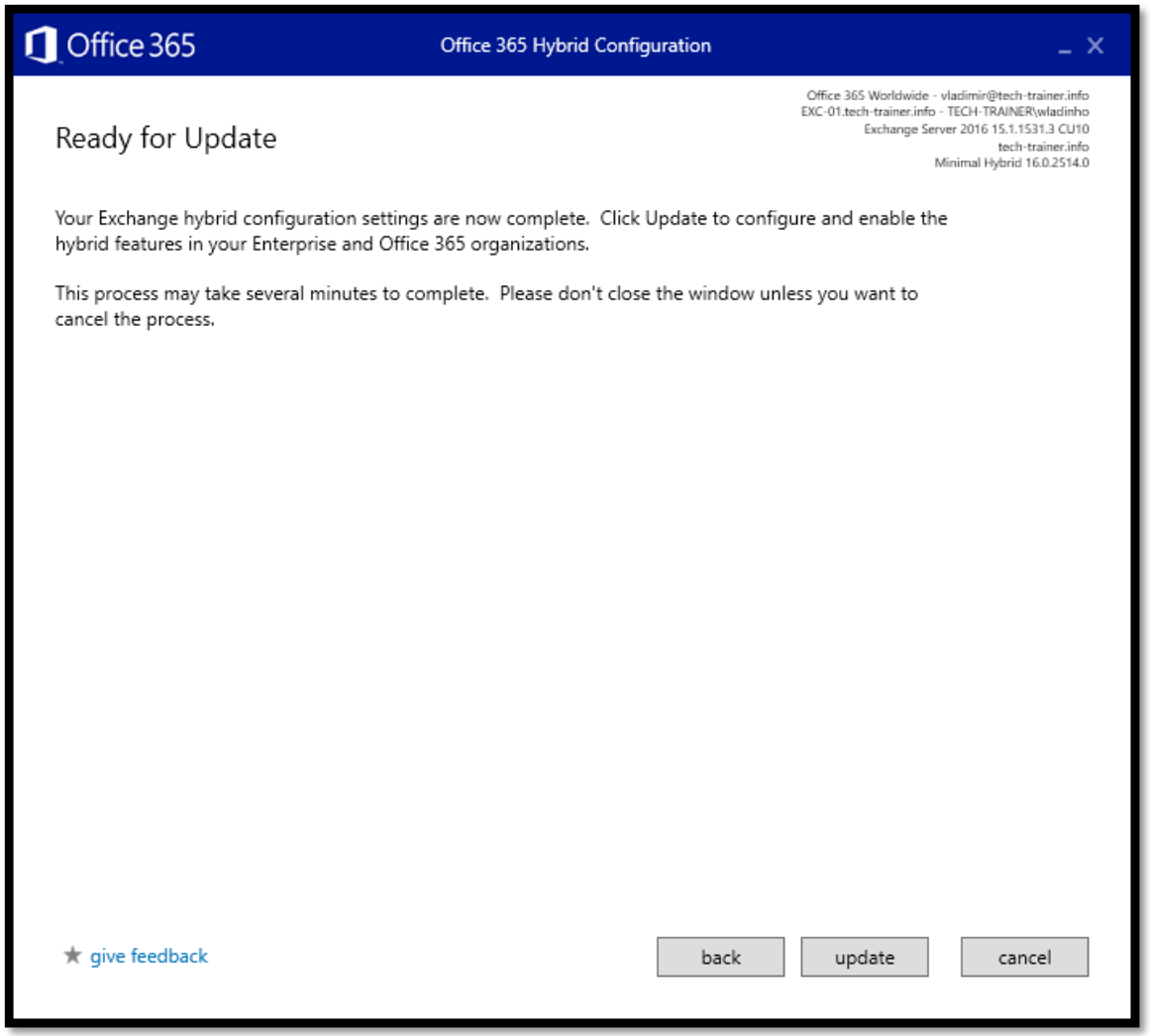

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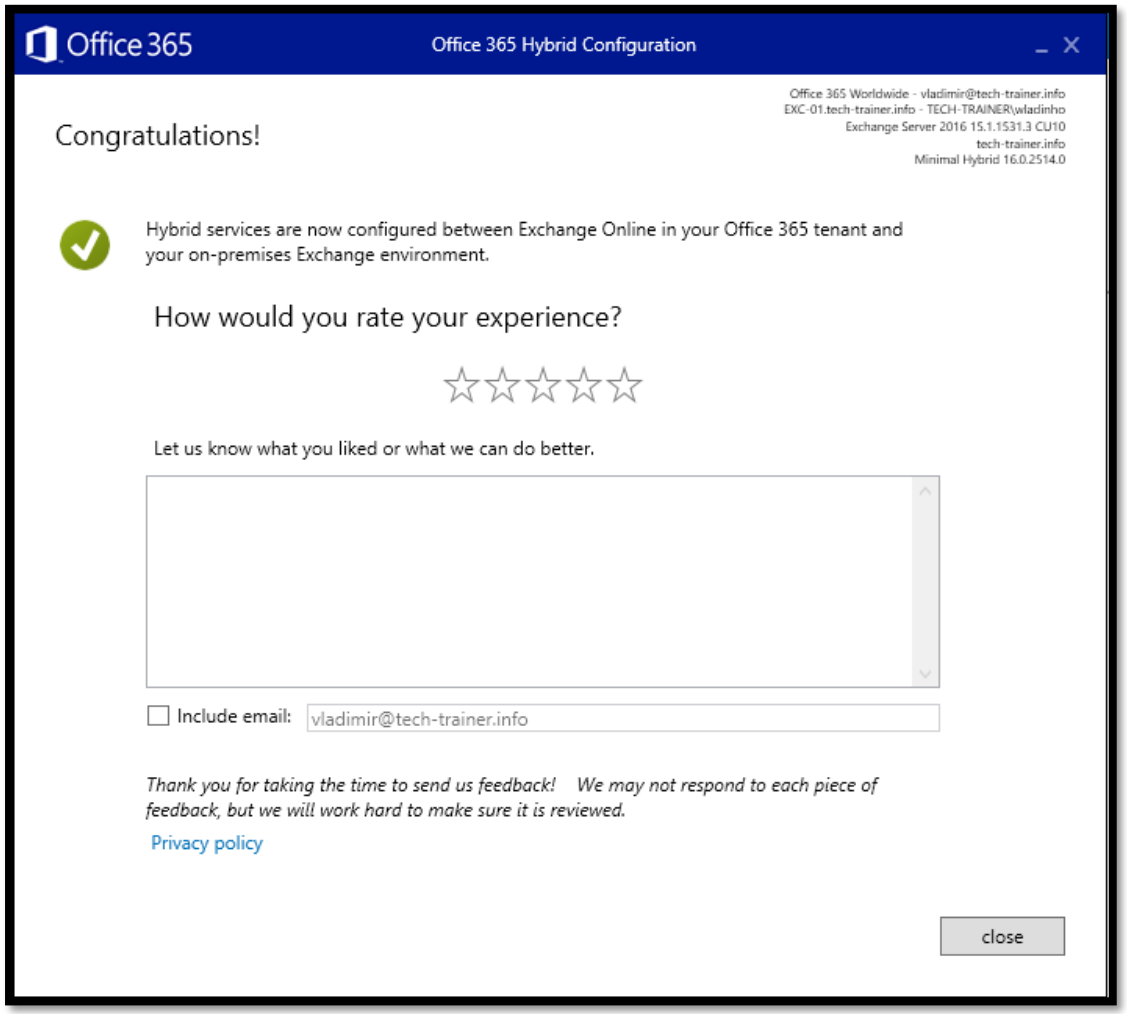

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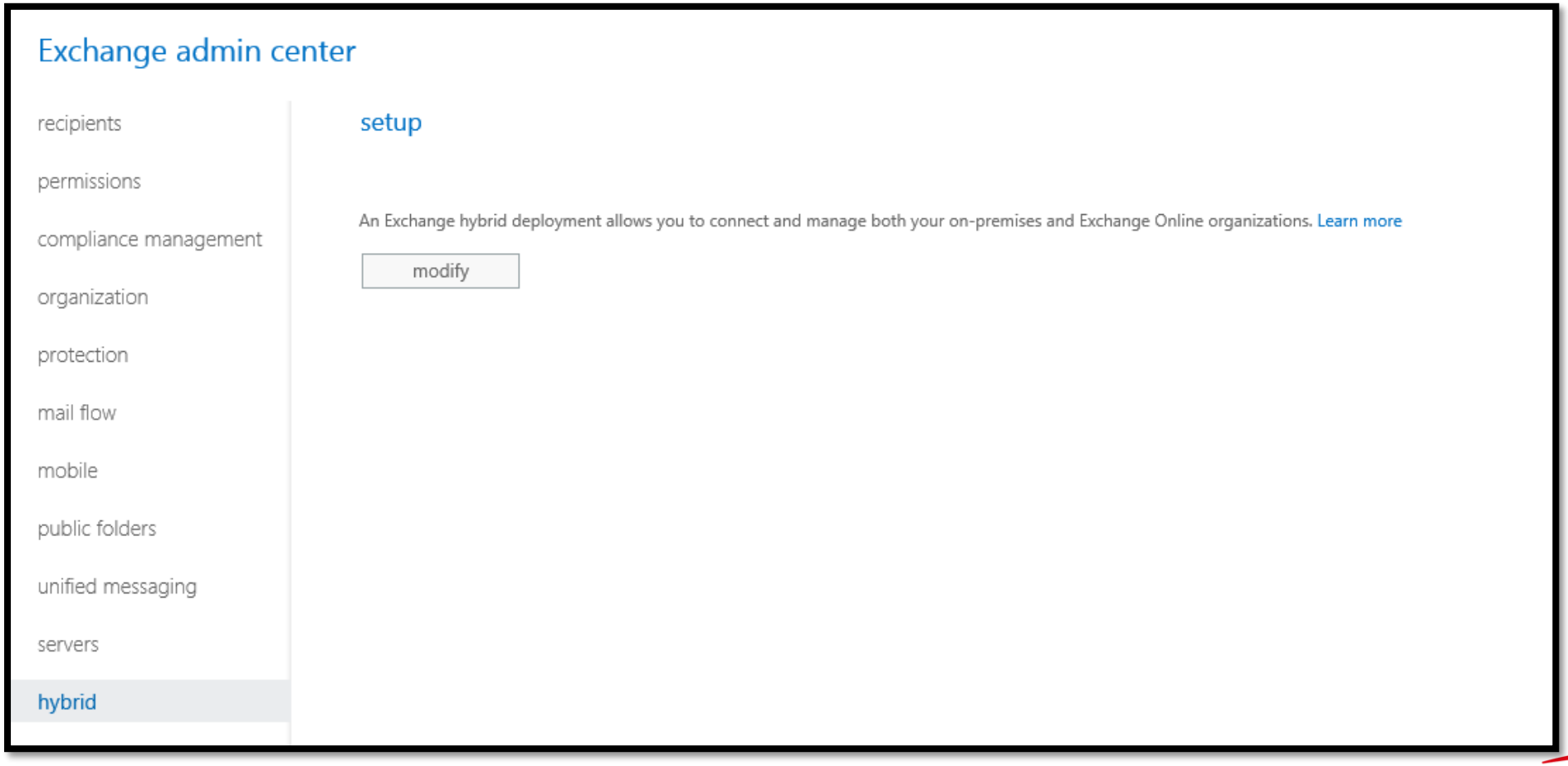

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Minimal Hybrid - Most Common Issues

- Office 365 default domain name and on-prem UPN are not same
- Missing proxy attribute **@tenantname.mail.onmicrosoft.com**
- Email address with domain name which do not exist in Office 365
- GUID > ImmutableID relationship

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Summary

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  - *Cutover Migration*
  - *Hybrid Migration*
  - *IMAP Migration*
  - *PST Migration*
- Most common issues
- Tips for Exchagne to Exchange Online migration
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Q & A

Or just text me

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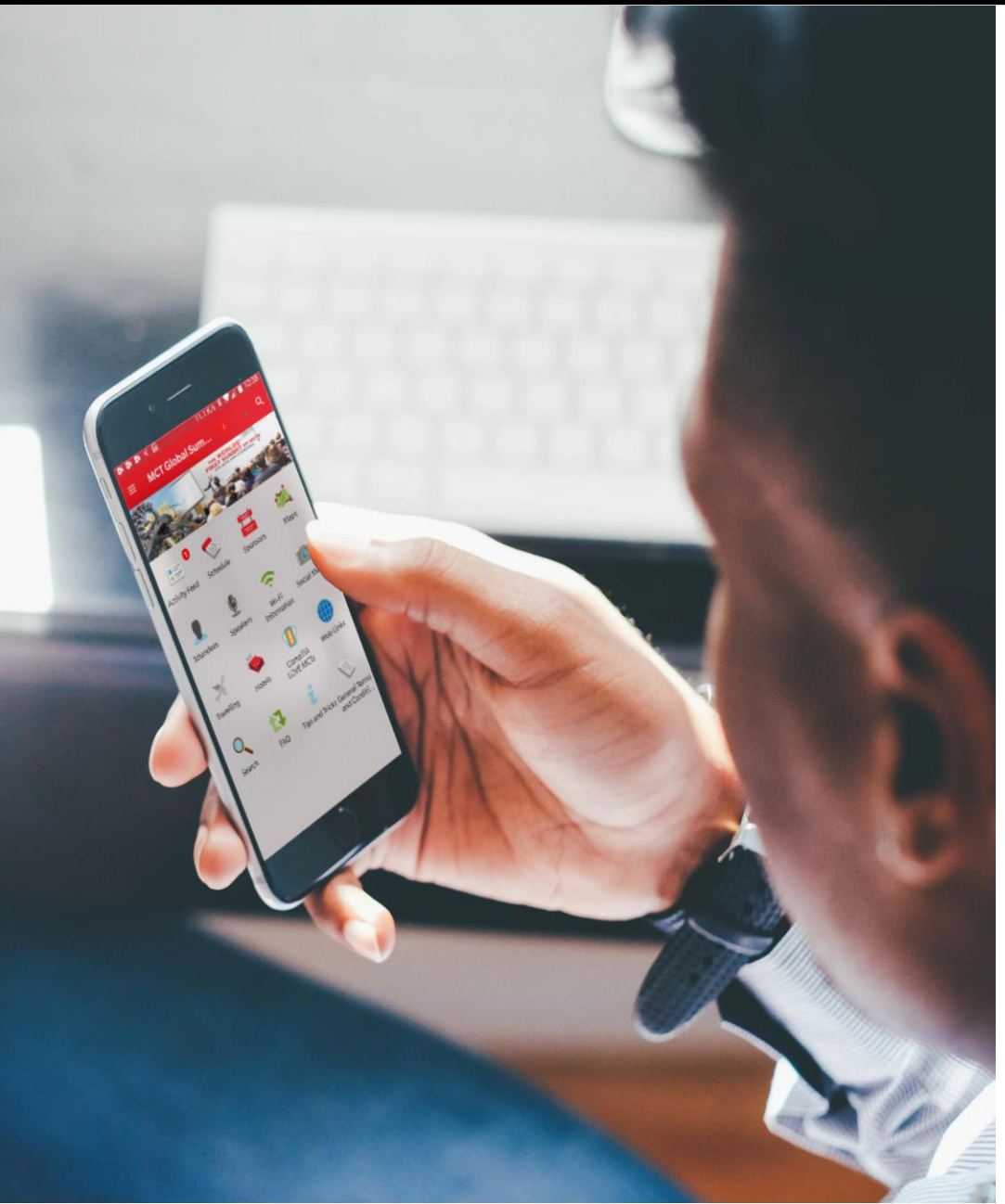

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