



#SPSWARSAW  
2019

# SharePoint 2019

## Is it worth the Migration Pain?

Robert Mulsow

Microsoft MVP, Microsoft P-TSP, VP of TSP EMEA



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EVENTS

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SUMMIT



Working on it...

⋮ This shouldn't take long.

# AvePoint® Corporate Overview

Migrate. Manage. Protect



Platform:



Deployment options:



16K+ Customers    6M+ Cloud User    88 Countries



**AvePoint**  
HQ in Jersey City, NJ  
1.600 Employees  
ca.40 Employees in Germany

Microsoft  
Partner



2017 Partner of the Year Winner  
Public Sector: Microsoft CityNext Award  
2016 Partner of the Year Winner  
Technology for Good Citizenship Award  
2015 Partner of the Year Winner  
Collaboration and Content  
2014 Partner of the Year Winner  
Public Sector: Public Safety and National Security





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# 1. SharePoint 2019 The Story behind

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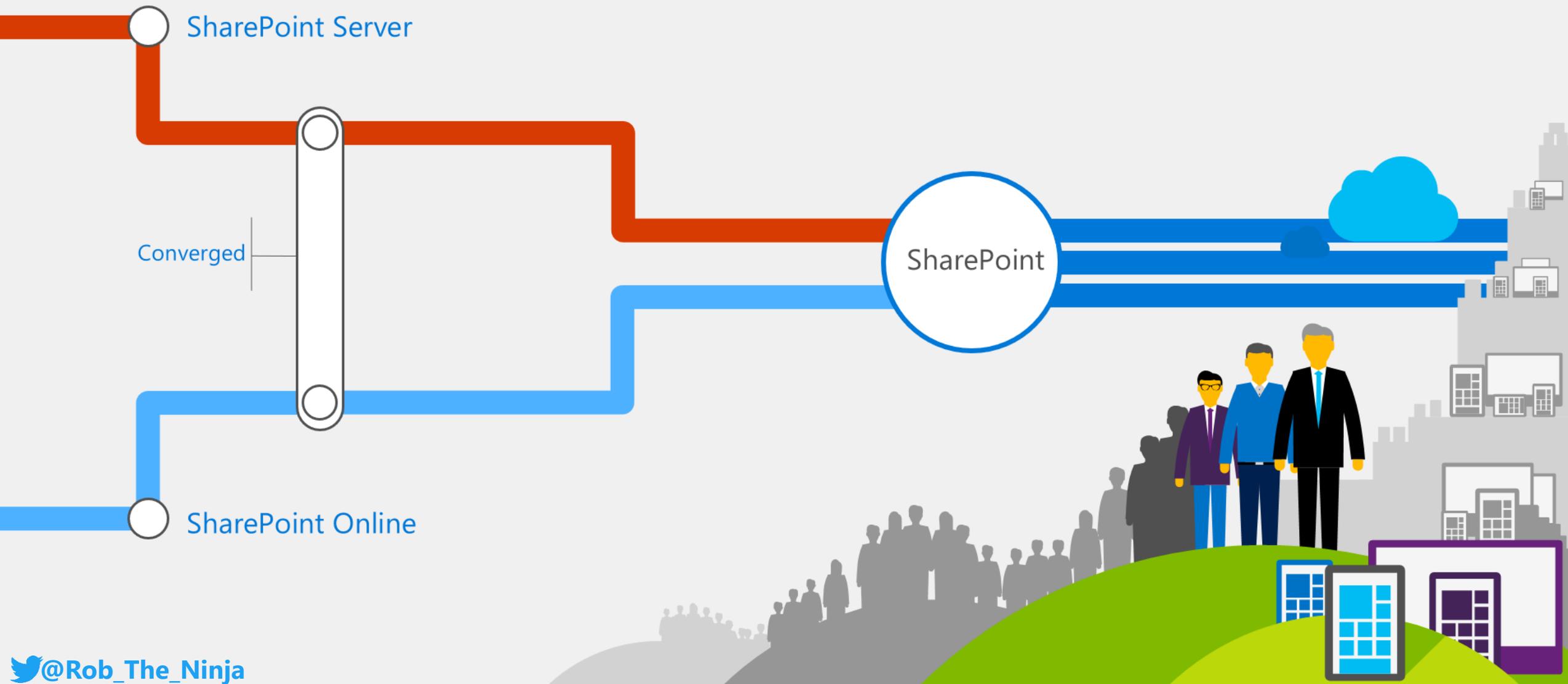
 provisionpoint



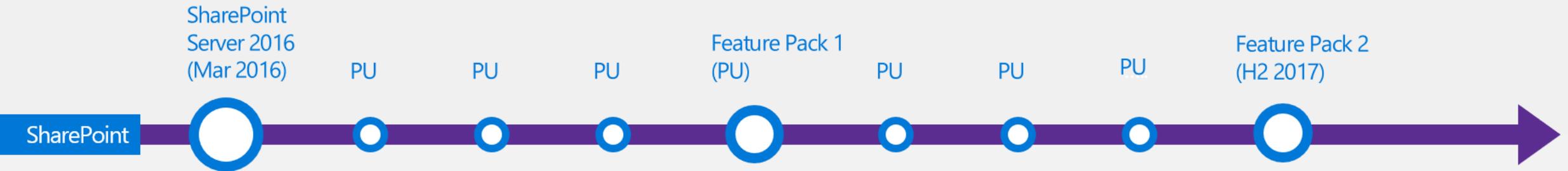
Intelligently discover, share, and collaborate.



# SharePoint 2019 – The Story behind



# SharePoint 2016/20~~19~~ – Release Cadence



SharePoint 2016 has a converged code base that serves both cloud and on-premises customers

Features are released in Office 365 first  
SharePoint Server 2016 will be serviced with many of these features

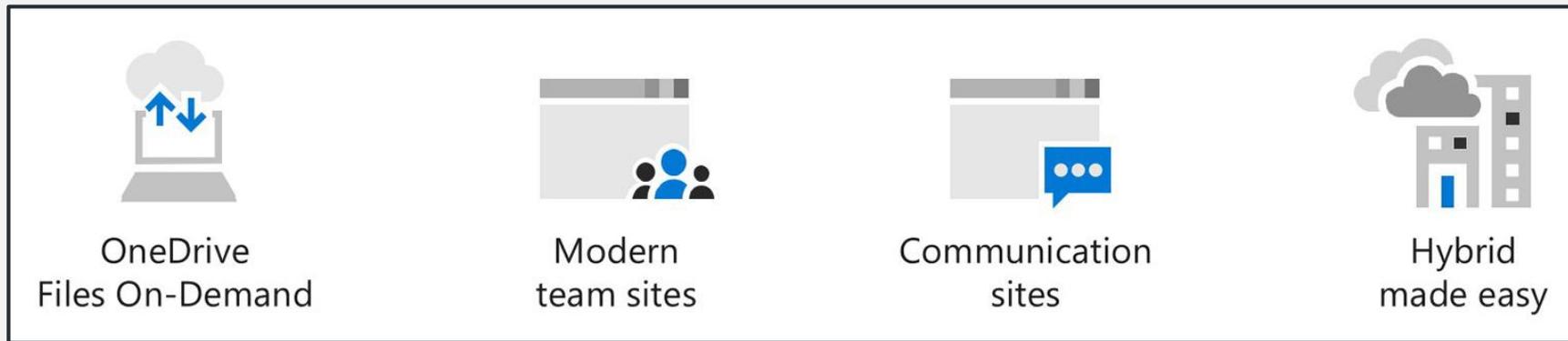
Major releases remain on a traditional 2-3 year release cycle

Release	Frequency	Contents
Security Update	As required	Security fixes
Public Update	Monthly	Bug fixes, new features from cloud
Major Release	Every 2-3 years	New features

# SharePoint 2019 – The Story behind

## Microsoft's highest priority:

1. Enable productive experiences across desktop and mobile
2. Provide a scalable and flexible collaboration and communications platform
3. Increase productivity with an intuitive user experience





2.

# Technical Requirements



# Technical Requirements

## Hardware

1. 64-bit Processor, 4 cores
2. Memory 12-16 GB minimum, recommend 24+ GB
3. Drives capacity 80+ GB on system, 100+ GB on second and additional drives

## Database

1. 64-bit version
2. SQL ~~2014 SP1~~, 2016, or 2017

## Software

### Pre-Requisites:

1. .NET Framework 4.7.2 (~~3.5; 4.6~~)
2. IIS 7 only, **no IIS 6 Components needed any more**
3. SQL 2012 SP4 Native Client (~~SP1~~)
4. Microsoft Identity Extensions
5. WCF Data Services 5.6
6. Windows App Fabric 1.1 CU7
7. Visual C++ for Visual Studio 2012, ~~2015~~, 2017

### Operating Systems:

1. Windows Server ~~2012 R2~~, 2016, or 2019 Standard or Datacenter





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3.

# Benefits of Migration

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**Collaboration**

**Search**

**Hybrid**

**Mobile First**

**SharePoint Places**

**Customizations**

**Compliance**

**Backend**

**UI**

**Intelligent Cloud**

# Benefits of Migration

# Benefits of Migration

## Improved collaboration scenarios

- Modern Modern Modern !!!
  - Team Sites
  - Collaboration Sites + Team News
  - Lists + Libraries
  - Web parts
  - SharePoint Home
  - Self-Service Site Creation
  - Suite Navigation and App Launcher
  - Simplified Sharing (+ Durable Links)

The screenshot displays a SharePoint 2019 intranet page titled "Intranet 2019". The page features a navigation sidebar on the left with options like Home, Documents, Pages, Site contents, and Recycle bin. The main content area shows a news article with the headline "SharePoint 2019 is Here" and a sub-headline "Announcing SharePoint Server 2019". The article text includes "ing for is finally here: Microsoft has officially announced the availability of [SharePoint Server 2019](#)." Below the text is a section layout with four columns: "OneDrive Files On-Demand", "Modern team sites", "Communication sites", and "Hybrid made easy". A "Section layout" panel is visible at the bottom left, showing various column configurations. The right side of the page has a rich text editor toolbar with options for font style, size, bold, italic, underline, and paragraph formatting. The user's name "Robert Mulsow" is visible in the top right corner.

# Benefits of Migration

✓ Unleash the full potential of SharePoint. [Click here to enable Hybrid experiences.](#)

## Search Improvements

- Intuitive filters
- Hybrid-Only:  
Type-ahead contextual results

## Enhanced Hybrid

- Improved Hybrid configuration  
→ Hybrid Status Bar
- Hybrid Taxonomy
- Profile Redirection

The screenshot displays a SharePoint search results page for the 'Intranet 2019' site. The top navigation bar includes the SharePoint logo, the site name 'SharePoint', and the user name 'Robert Mulsow'. Below the navigation bar, there are filters for 'Intranet 2019', 'Files', and 'All file types'. A dropdown menu is open under 'All file types', showing options: 'All file types' (checked), 'Word', 'Excel', 'PowerPoint', 'PDF', 'Image', and 'Other types'. The main content area is titled 'Files on site Intranet 2019' and lists several documents with their titles, descriptions, and update dates. The documents listed are:

- HR\_Manager\_Hiring\_Guide**: Service Pack 7, Cumulative Update 1... Effective management and automation of release operations to promote content, customizations, and design elements on Intranet 2019 | updated by Administrator on 9/1/2016
- HR\_Panel\_Reference\_Guide**: Service Pack 6, Cumulative Update 1... Table of Contents What's New in this Guide... What's New in this Guide • Updated the SP2010SecurityManagement.v on Intranet 2019 | updated by Administrator on 12/24/2015
- AvePoint\_HR\_IM\_User\_Guide**: Table of Contents About AvePoint RevIM... AvePoint RevIM is a record and information manager that manages documents in SharePoint... This includes cre on Intranet 2019 | updated by Administrator on 5/5/2016
- HR\_Logo\_Info**: on Intranet 2019 | updated by Administrator on 9/18/2018
- Understanding EBS/RBS**: API "hook" in SPOM (still need provider... Multiple providers (1 active for uploads... RBS supports co-exist with multiple providers, including EBS... When downloadi... on Intranet 2019 | updated by Administrator on 12/8/2010
- ElectronicFundTransfer\_HR\_Authorized**: I hereby authorize my employer to directly deposit my pay in the bank account(s) listed below in the percentages specified... (If two accounts are authorized, dep... on Intranet 2019 | updated by Administrator on 2/8/2017
- ElectronicFundTransfer\_AuthID\_1774\_HR**: I hereby authorize my employer to directly deposit my pay in the bank account(s) listed below in the percentages specified... (If two accounts are authorized, dep... on Intranet 2019 | updated by Administrator on 1/29/2013
- DocAve66 Replicator Performance Test Report**: Hardware Configuration ( SharePoint 2013 Farm ) 3... This article describes the performance estimate and capacity requirements for DocAve Replicator in ShareP... on Intranet 2019 | updated by Administrator on 9/18/2015
- 12-Month\_HR\_Review\_Process**: on Intranet 2019 | updated by Administrator on 9/18/2015



# Benefits of Migration

## Mobile First

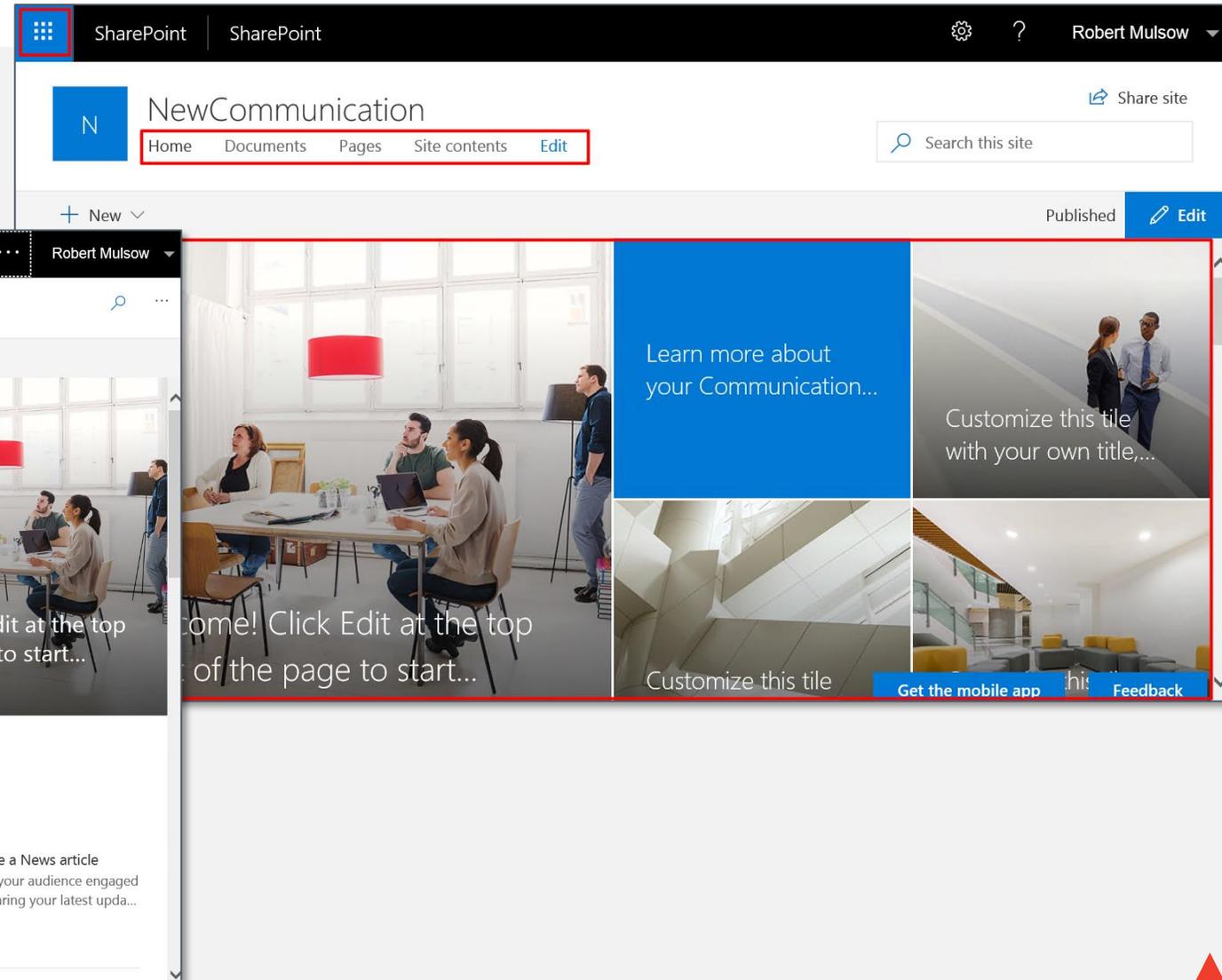
- SharePoint Mobile App
- Responsive Design

## SharePoint Places

- Virtual Reality in your intranet
- Expected with a later Feature Pack

## Customizations

- Add custom web parts
- Use Modern SPFx Framework



# Benefits of Migration

## Compliance

- Compliance Center for Lifecycle and DLP policies
- eDiscovery for DLP Search
- 10 pre-configured sensitive information types, like UK PII
- Apply policy templates to Site Collections

**Compliance Policy Center**

The Compliance Policy Center contains policies that will help you manage sensitive information in your organization. You can assign it to a site collection or template.

### Deletion Policies

Create and manage deletion policies for site collections or site collection templates. Selection required.

Name	Mode	Modified
Sample MySite Policy	Enforce	September 4
Sample Document Policy	Enforce	September 4

### Data Loss Prevention Policies

Create and manage data loss prevention (DLP) policies to help protect the sensitive content in your organization. For example, you can set up a policy that displays a policy tip to users if they save documents that contain personally identifiable information (PII).

Name	Mode	Modified
PII Data	Enforce	September 4
US SSN	Enforce	September 4
UK Financial Data	Enforce	September 4

### New DLP Policy

Name: \*

Choose the template corresponding to the type of content you want to find:  
[Learn more about these templates.](#)

- U.S. Personally Identifiable Information (PII) Data
- U.S. Gramm-Leach-Bliley Act (GLBA)
- PCI Data Security Standard (PCI DSS)
- U.K. Financial Data**
- U.S. Financial Data
- U.K. Personally Identifiable Information (PII) Data
- U.K. Data Protection Act
- U.K. Privacy and Electronic Communications Regulations
- U.S. State Social Security Number Confidentiality Laws
- U.S. State Breach Notification Laws

About this template:

#### U.K. Financial Data

**Description:** Helps detect the presence of information commonly considered to be financial information in United Kingdom, including information like credit card, account information, and debit card numbers.

**Protects this information:** Credit Card Number, EU Debit Card Number, SWIFT Code

Show results only if the content contains this many instances of a particular sensitive information type - for example, five credit card numbers.

2

Send an incident report to these people when new content is saved or edited:

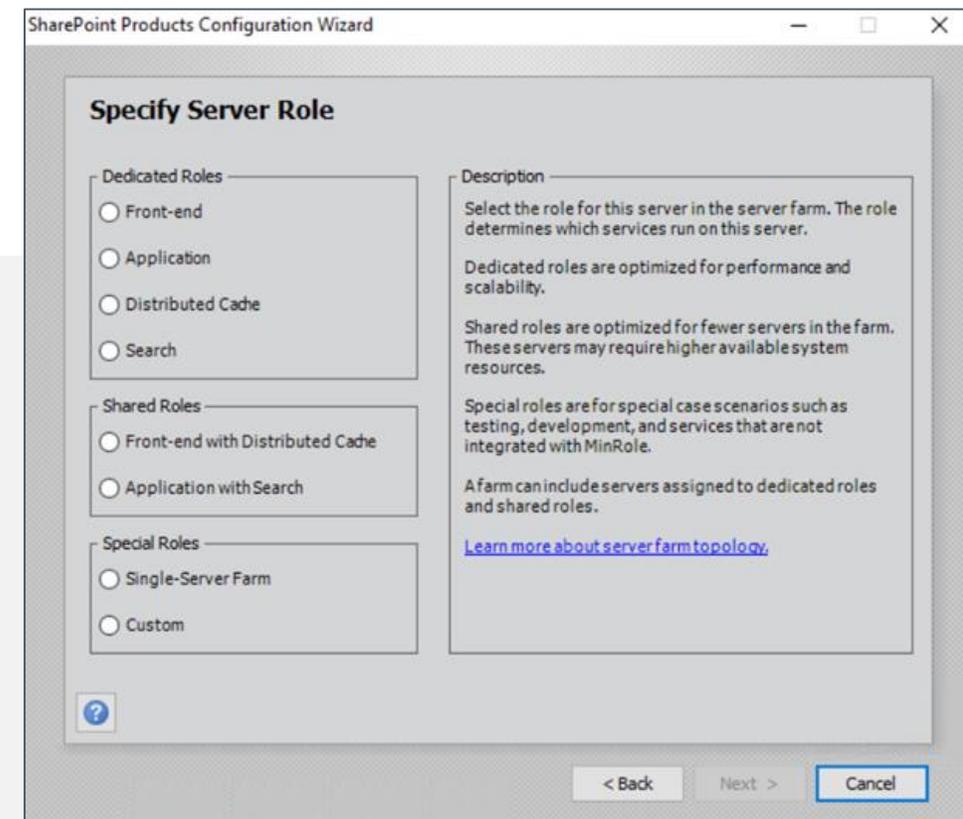


# Benefits of Migration

## Further SharePoint 2019 Enhancements

### Central Administration (Backend):

- Additional links for further documentation in Central Admin
- New SharePoint Health Analyzer Rules + PowerShell cmdlets
- Access Service 2013 will be able to send E-Mails
- Fast site creation for:
  - OneDrive personal [site SPSPERS#10]
  - Team site (modern only) [STS#3]
  - Communication site [SITEPAGEPUBLISHING#0]
- Distributed Cache background caching enabled by default
- MinRole v2 architecture + Zero Downtime Patching
- SMTP server authentication
- Improved Telemetry for Privacy settings



# Benefits of Migration

## Further SharePoint 2019 Enhancements

### User Experience:

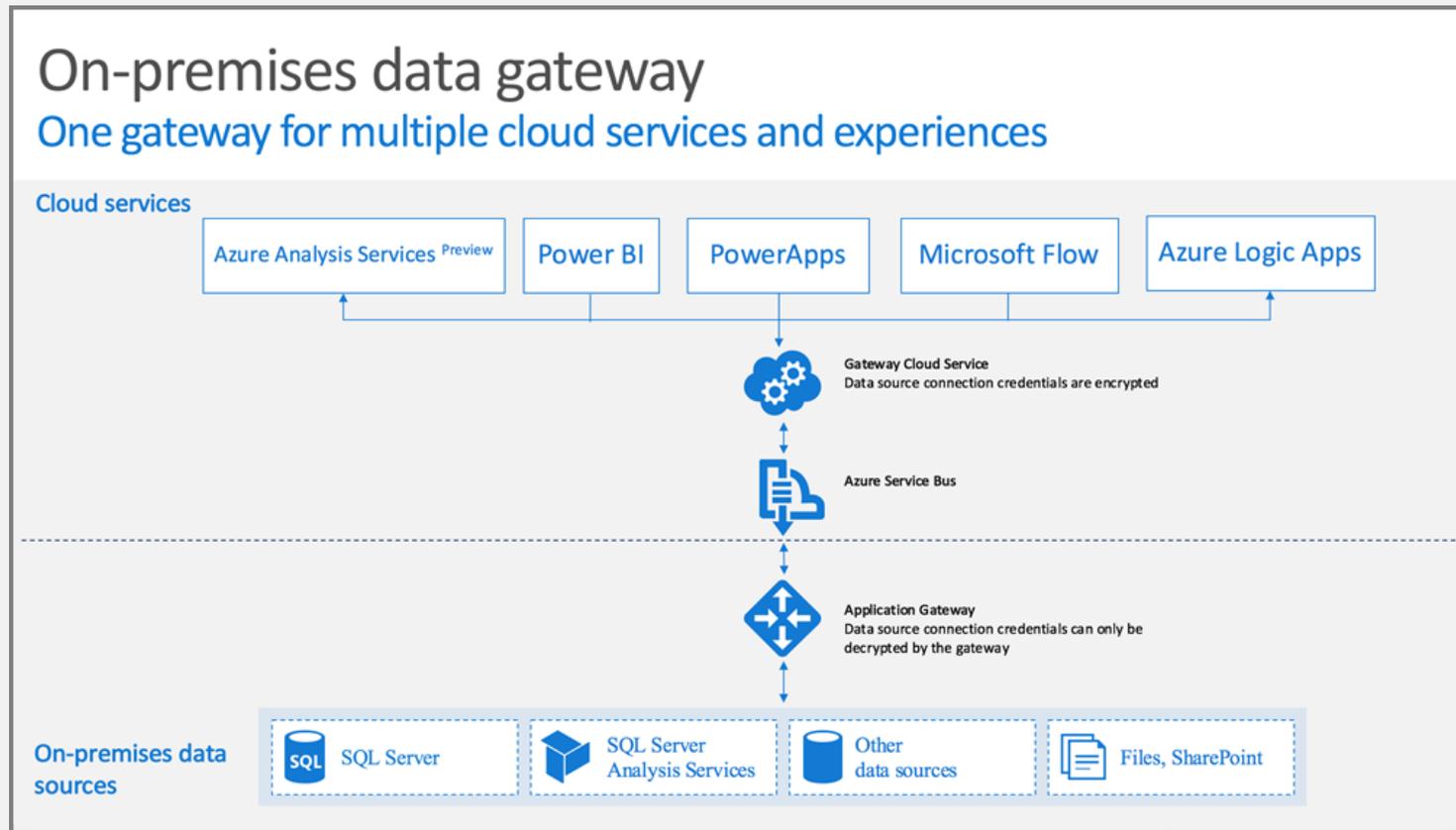
- Being able to create modern pages even on classic sites
- PDF Viewer
- Recycle Bin Improvements (being able to recover your content deleted by others)
- Increased storage size to 15 GB
- # and % will be supported as special characters for files and folders
- Character limit increased from 260 to 400 for URLs
- Start Yammer conversations out of SharePoint
- Sharing E-Mail Template
- Visio Services Keyboard Shortcuts



# Benefits of Migration

## OneDrive, Microsoft Flow, PowerApps, Project

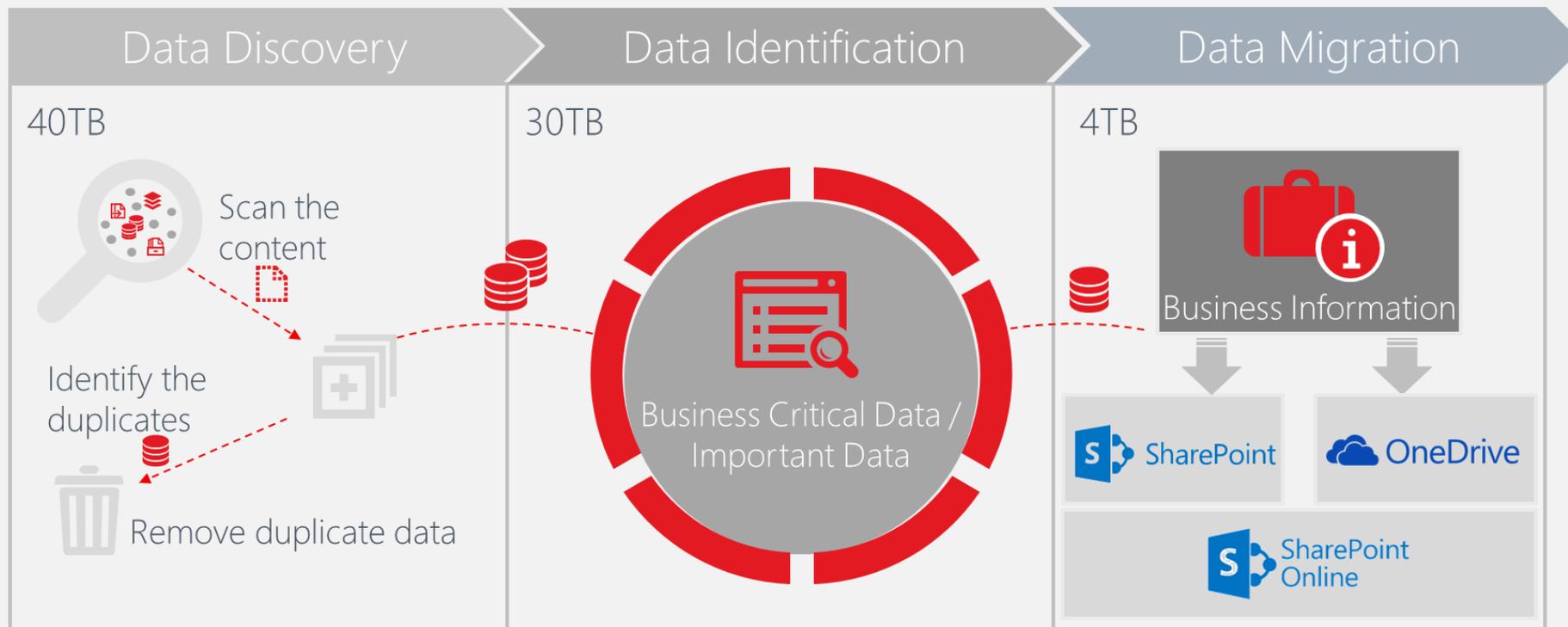
- Sync On-Premises SharePoint files with latest OneDrive NGSC (+ hybrid)
- Map and improve existing legacy processes to workFLOWS and PowerApps  
→ needs concerning Flow and/or PowerApps Licensing
- Project is fully integrated  
→ licensed separately  
→ track deliverables across SharePoint, Microsoft Outlook, and Microsoft Project



# Benefits of Migration – Operational

## Spring Cleaning

- Archive outdated, obsolete and unnecessary data
- Understanding, how your SharePoint is being used



# Benefits of Migration – EOL!

## Deprecated Features

- Access Services (2010 & 2013)
- Aggregated Newsfeed (read-only)
- Custom Help
- Groove Sync Client
- InfoPath Services (EOL 2026)
- List Web Service
- Machine Translation incl. Variations
- Performance Point Services
- SharePoint Designer 2013 (EOL 2026)
- Site Mailbox
- Site Manager

## Removed Features

- Code Based Sandboxed Solutions
- Digest Authentication
- Incoming Email automatic mode
- Multi-Tenancy
- PowerPivot Gallery and Refresh
- Visio Services – Silverlight Based Rendering





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Demo Time





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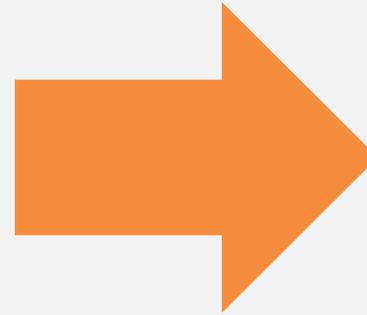
## Summary, Recommendations and Next Steps

# Summary, Recommendations, Next Steps

## Following the Spring Cleaning: Understanding, how your SharePoint is being used

### Four options available:

1. Stay with your current deployment (no migration)
2. Migrate to SharePoint 2019 On-Premises only
3. Use SharePoint 2019 Hybrid
4. Go all in Office 365 / SharePoint Online



### Modernize your Intranet:

1. Use Modern Sites, Web Parts and further collaboration improvements
2. Deploy OneDrive NGSC to enable your company for mobile working
3. Map and improve existing legacy processes to Flow and PowerApps





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# Further Resources

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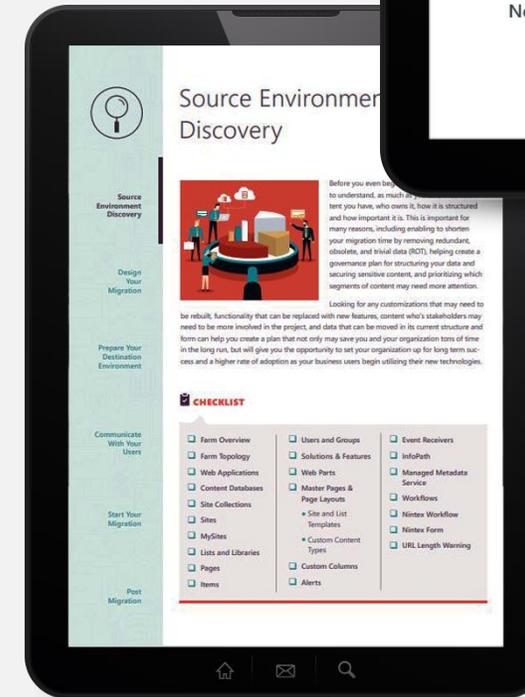
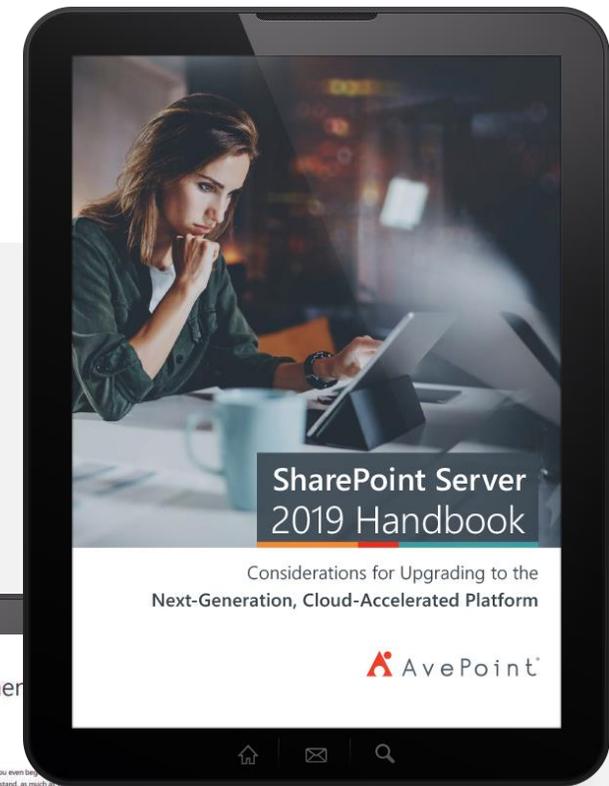
# Further Resources (1/2)

## SharePoint Server 2019 Handbook

<https://www.avepoint.com/ebook/sharepoint-2019-server-handbook>

## Checklist for Office 365 and SharePoint Migration

<https://www.avepoint.com/ebook/office-365-migration-checklist>



# Further Resources (2/2)

- **SharePoint 2019 vs. Office 365: Which is Best For Your Organization?**  
<https://www.avepoint.com/blog/office-365/office-365-sharepoint-versions/>
- **SharePoint 2019 Migration: Should You Use Scripted, Microsoft, or Third-Party Tools?**  
<https://www.avepoint.com/blog/sharepoint-hybrid/sharepoint-2019-migration-tools/>
- **Adopting SharePoint 2019: Which Migration Strategy Is Best?**  
<https://www.avepoint.com/blog/sharepoint-hybrid/sharepoint-2019-adoption/>
- **8 Critical SharePoint 2019 Migration Activities You Need to Consider**  
<https://www.avepoint.com/blog/migrate/sharepoint-2019-migration-activities/>
- **6 Must-Have Factors for a Sustainable SharePoint 2019 Migration Strategy**  
<https://www.avepoint.com/blog/sharepoint-hybrid/sharepoint-2019-migration/>



# thank you



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in

Gracias	ευχαριστώ	Danke	Grazie	благодаря
Hvala	Obrigado	Kiitos	شكراً	Tak
Ahsante	Teşekkürler	متشكراً	Salamat Po	감사합니다
Cám ơn	شكريه	Terima Kasih	Dank u Wel	Děkuji
நன்றி	Köszönöm	ありがとう ございます	ขอขอบคุณครับ	Dziękuję
谢谢	Tack	Mulțumesc	спасибо	Merci
תודה	多謝晒	дядкую	Ďakujem	