What's New in SharePoint Server 2019

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#SPSMilan
A Huge “Thank You!” To Our Sponsors ...
• In recent times working mostly with Azure & Data Centre related technologies...
  • Azure PaaS, .NET microservices, blockchain, PowerShell, network, data centre security and automation
  • ....but there is no escape from SharePoint! 😊 “Just when I thought I was out... they pull me back in.”
  • Like most of us, I started with SharePoint, by “accident” nearly 20 years ago

• Tries to avoid being sat in front of a computer
  • Makes photographs, climbs rocks, makes music, plays golf, drinks whisky

• Works mostly with enterprise customers
  • Works with various MS PGs on futures and field readiness
A look back...
INTRODUCING SHAREPOINT
SERVER 2019
SharePoint 2019

Build \bild\n
1) Noun: a compiled version of a program
2) Verb: (compile) a program, database, index, etc.

<table>
<thead>
<tr>
<th>TAP</th>
<th>Public beta</th>
<th>RTW</th>
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<tbody>
<tr>
<td>November 2017</td>
<td>Summer 2018</td>
<td>October 2018</td>
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IMMINENT!
## The marketing pitch

| ![Icons] | Built on the foundational release of SharePoint 2016  
|          | Confirming commitment to customers |
| ![Icons] | “Brings you closer to the cloud” |
| ![Icons] | “Brings the cloud closer to you” |
SHARE AND WORK TOGETHER
Site Creation

Simple site creation experience for Teams and Communication sites

Create sites in seconds

OneDrive personal sites
Modern Team sites
Communication sites
Modern Team sites

Updated lists, libraries, pages and news

Fast, mobile ready, and customizable experience
Modern Libraries

Updated, responsive UI
Aligned with UI fabric of OneDrive
Modern sharing experience
Optimized for light weight structure and process
Modern Lists

Add columns and rows with ease

Simplified filtering experience

Details pane gives you more information without leaving the list view
Modern Pages
Beautiful pages made easy
Rich authoring
Modern web parts for your modern SharePoint
OneDrive Sync Client

Fast, reliable, and proven experience with OneDrive.exe (NGSC)

Connect and sync OneDrive and SharePoint document libraries
INFORM AND ENGAGE EMPLOYEES
SharePoint Home

New SharePoint sites page

Most relevant sites in one place
Communications Sites

Beautiful, dynamic site to reach broad audience

Keep the organization informed and engaged

No Hub Sites
Team News

Keep up with and broadcast key events and accomplishments with other members of the team.
Mobile

Beautiful sites on every device

Get SharePoint on the go with the SharePoint Mobile App
Search

Modern search experience
Type ahead contextual results in search box
Modern search result page for SharePoint Home and Site search
Project Server 2019

Project Server 2019 is a flexible, scalable project and portfolio management solution that enables efficient and effective management across portfolios, programs and projects, team collaboration from anywhere, and insights to make informed business decisions.

- **Enhanced infrastructure**
  - Scalability
  - Faster end user experience
  - Expanded set of resource engagement & project APIs
  - GDPR Support

- **Easier collaboration**
  - Improved accessibility
  - Updated email notifications

- **Manage projects efficiently**
  - Team Assignments
  - Unique Project IDs

- **Drive impact using business insights**
  - Time-phased reporting
DEMO
SharePoint Server 2019
TRANSFORM BUSINESS PROCESSES
PowerApps and Flow integration

SharePoint connector for PowerApps and Flow

SharePoint Workflow Manager to support existing SharePoint 2013 workflows
Workflow Manager

Original intention was to include “SharePoint Workflow Manager” with SharePoint Server 2019

Essentially the same code base, but owned by SP PG

Refinements and more flexible topology support

It wasn’t ready

So WFM remains supported with SharePoint Server 2019

Extended support lifecycle

Platform support (Windows Server/SQL Server) will be announced shortly
IT VALUE
SharePoint Hybrid

Hybrid made “easy”*
Launch the Hybrid Configuration Wizard directly from Central Administration

“Unleash the full potential of SharePoint. Click here to enable Hybrid experiences”

* Hybrid isn’t easy. Configuring it is. Planning it out is not!
SMTP Server Authentication

SharePoint can now authenticate to your SMTP email servers.
No more anonymous relays just for SharePoint.
“Infrastructure” Improvements

Expand supported characters
# and % in file and folder names

Long URL path
400 Characters for MAXURL

Recycle Bin recovery improvements
Recover your content deleted by others from your recycle bin

Performance Improvements
Up to 25% file I/O performance improvements

Modernize IIS integration
Remove IIS6 dependencies by switching to modern IIS APIs
IIS6 Legacy components are not part of WS 2016 anyway
What’s Gone, What’s Going...

**DEPRECATED**
Access Services 2010 & 2013
Aggregated Newsfeed
Custom Help
InfoPath Client / InfoPath Services
Lists Web Service
Machine Translation Service
Performance Point Services
SharePoint Designer
Site Mailbox
Site Manager

**REMOVED**
Automatic mode Incoming Email
Code-based Sandbox Solutions
Digest Authentication
Multi-tenancy *
Silverlight rendering
(PerformancePoint Services and Visio Services)
SQL Reporting Services integrated mode
Power View
Software Requirements

**Windows Server**
- Windows Server 2016
- Windows Server 2019

**SQL Server**
- SQL Server 2016
- SQL Server 2017
Pre-Reqs

- Web Server (IIS) Role
- .NET Framework 4.2
- VC++ Redist VS 2017
- VC++ Redist for VS 2012
- Information Protection and Control Client 2.1
- SQL 2012 SP4 Native Client
- Sync Framework Runtime v1.0 SP1
- Microsoft Identity Extensions
- WCF Data Services 5.6
- Windows App Fabric 1.1 CU7
DEVELOPER VALUE
SharePoint Framework

Client side web parts

Client side extensions
SharePoint 2019 Developer Platform

**SUPPORTED**

Modern pages
Modern team and communication sites
  - modern subsite in RTM
Column formatting
SharePoint Framework client-side web parts and extensions
  - 1.4.1, except the Microsoft Graph capabilities
Webhooks
Asset packaging
  - hosting your solution assets automatically from app catalog site collection
Tenant scoped deployment
  - deploy your web parts cross the farm just by installing them to the app catalog
ALM APIs for add-in and SharePoint Framework solution management

**NOT SUPPORTED**

Site Designs and Site Scripts
Hub sites
Custom modern themes
  - Out-of-the-box modern themes are available for team sites and communication sites
Site collection app catalog
  - potentially supported by RTM

Add-in (Apps) model infrastructure is required
COURSE OF ACTION
End of support

Extended support
October 13, 2020

Extended support
April 11, 2023
Plan your upgrade now
Identify the areas of business impact
Consider moving straight to SharePoint 2019
Still requires 2010 -> 2013 -> 2016 first
Get the public preview bits in summer

Develop the process
Assess, clean-up, document
Perform test migrations
Test the target, identify issues, fix, document
Repeat
Submit bugs

Service applications
Plan migration of service application data and settings
Further resources

Upgrade to SharePoint 2016

Migrate to SharePoint Online
https://docs.microsoft.com/en-us/sharepointmigration/migrate-to-sharepoint-online

SharePoint 2019 resources
EUROPEAN COLLABORATION SUMMIT 2019

MODERN WORKPLACE | DIGITAL TRANSFORMATION | MICROSOFT 365 | AZURE | SHAREPOINT | TEAMS | AWS | MULTICLOUD | POWERAPPS | FLOW

WIESBADEN, GERMANY - 27-29 MAY 2019
QUESTIONS
&
ANSWERS
Thank You!