# SHAREPOINT ONPREM / ONLINE: PŘEHLED NOVINEK A ZMĚN

KAMIL JUŘÍK



### KAMIL JUŘÍK



### O SOBĚ ŘÍKÁ...

Kamil má rád SharePoint, věří v něj, neb stejně nic lepšího zatím nenašel. Pracuje jako Principal Architect v Mainstream Technologies a Technical Specialist pro K2.

V minulosti instaloval desítky farem poskytujících vysokou dostupnost a výkon, dnes se spíše věnuje technickým auditům, návrhům architektury, osvětě, školením a SharePointu Online, o kterém je přesvědčen, že "to na konec vyhraje".

Od roku 2006 je držitelem prestižního ocenění MVP v kategorii SharePoint Server.

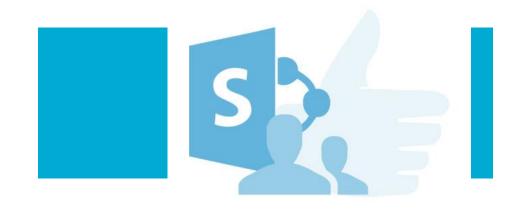
Ve svém volném čase je gurmetem, hráčem snookeru a sci-fi fanouškem, od srpna 2011 i otcem prvorozené dcery Niny.

- Kamil.Jurik@Mainstream.cz, Kamil.J@K2.com, Kamil.Jurik@iLikeSharePoint.cz
- www.Mainstream.cz, www.iLikeSharePoint.cz, www.ProSharePoint.cz
- S Kamil.Jurik@ProSharePoint.cz
- facebook.com/kamil.jurik.7
- in cz.linkedin.com/in/kamiljurik
- @KamilJurik



### NAŠE AGENDA

- 1. SHAREPOINT ROADMAPA
- 2. SHAREPOINT 2016 FEATURE PACK1
- 3. SHAREPOINT ONLINE A ZMĚNY V UI
- 4. NOVINKY V HYBRIDNÍCH SCÉNÁŘÍCH
- 5. DROBNOSTI NAKONEC



# SHAREPOINT SE MĚNÍ. VÍC, NEŽ SI MYSLÍTE

## SHAREPOINT BUDOUCNOST, POZICOVÁNÍ

KAMIL JUŘÍK



# SharePoint roadmapa

### RELEASE HISTORY AND ROADMAP

SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO



SharePoint Portal Server 2001

2001



SharePoint Portal Server 2003

2003



Office SharePoint Server 2007

2006



SharePoint Server 2010

2009



SharePoint Server 2013

2012



SharePoint Server 2016

2016





Managed Solutions

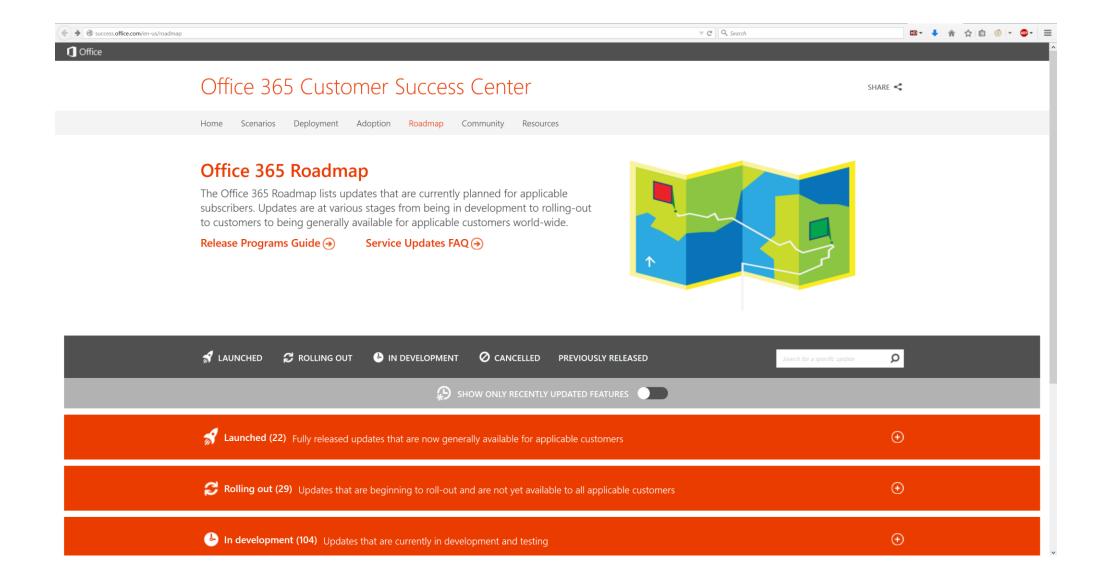


**Microsoft**Online Services



Office 365

### **OFFICE 365 ROADMAP**



### CO NÁS ČEKÁ V ONLINE A ONPREM?

SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

Delve Analytics v2
Android a iOS mobile apps
O365 Admin App v2
O365 Groups enhancements
O365 Video enhancements
OneDrive 4B Next Gen Sync Client
Windows Universal App
New O365 Compliance features

SharePoint Home
Content Search Export
with metadata
Delve People Experience – Praise
Microsoft Classroom
Microsoft Forms for Education
Multi-factor Authentication
New Usage Reports
O365 Groups enhancements
New UI on lists, libraries and webs
Mobile access for Android and WP

Content Search Export
with metadata
iOS SP Mobile App
Work Management
Chat while co-editing
Copy and move to SP
Excel Online enhancements
O365 Task API
Usage Reports enhancements
O365 Group enhancements
O365 Video enhancements
SP API Partial File Upload





SharePoint 2016

2016

Q2 2016





SharePoint 2013 SP2

2016

Q4 2016



SharePoint 2016 Feature Pack 1

2017

H 2016

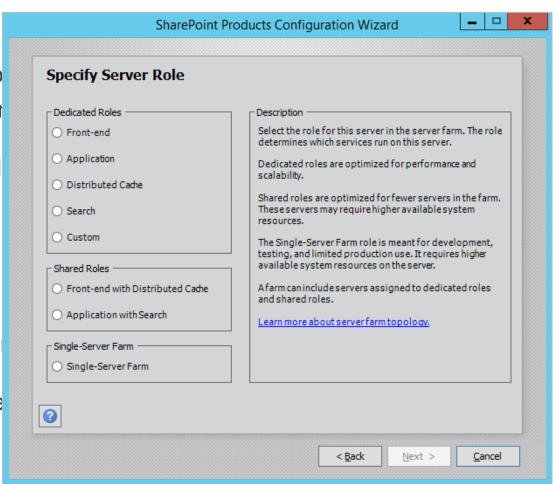


SharePoint vNext

2020

### SHAREPOINT 2016 FEATURE PACK1

- Auditování změn konfigurace nastavení v rámci web volitelného hybridního propojení do SharePoint Onlir
- Vylepšení v MinRole průvodci a konfiguraci pro "mal
- 🚺 Nové UI ve OneDrive
- Vlastní ikony/položky v "App launcher"
- Hybridní auditování na úrovni webových kolekcí v O
- Hybridní spravovaná metadata (MM Term Store číse
- OneDrive API 2.0



### **SHAREPOINT 2016**

KAMIL JUŘÍK



### **SHAREPOINT 2016**

OBLASTI INOVACÍ

### NOVÉ FUNKCE A SCÉNÁŘE

- UI, mobilní přístup a mobilní appky
- Office Delve, Office Graph
- Office Video

### INOVOVANÉ HYBRIDNÍ SCÉNÁŘE

- Hybridní weby
- Hybridní OneDrive
- Hybridní Search
- Hybridní Metadata
- Hybridní Auditování

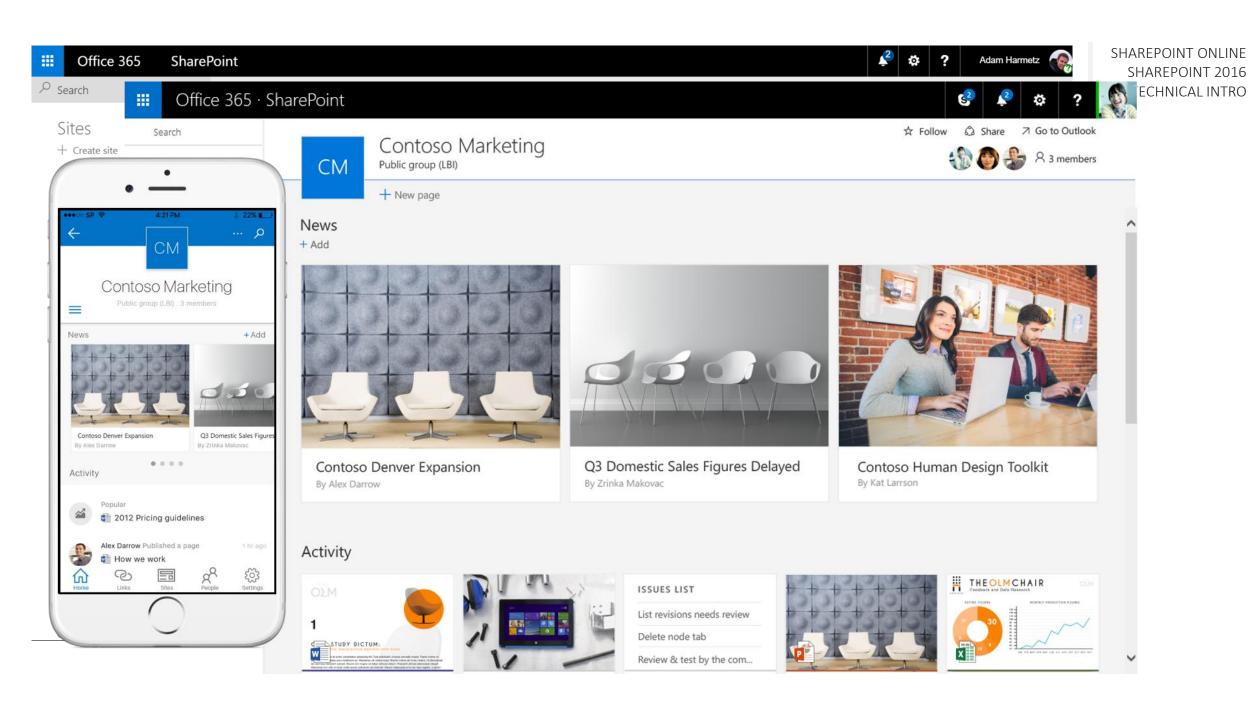
### ZMĚNY V ARCHITEKTUŘE A NASAZENÍ

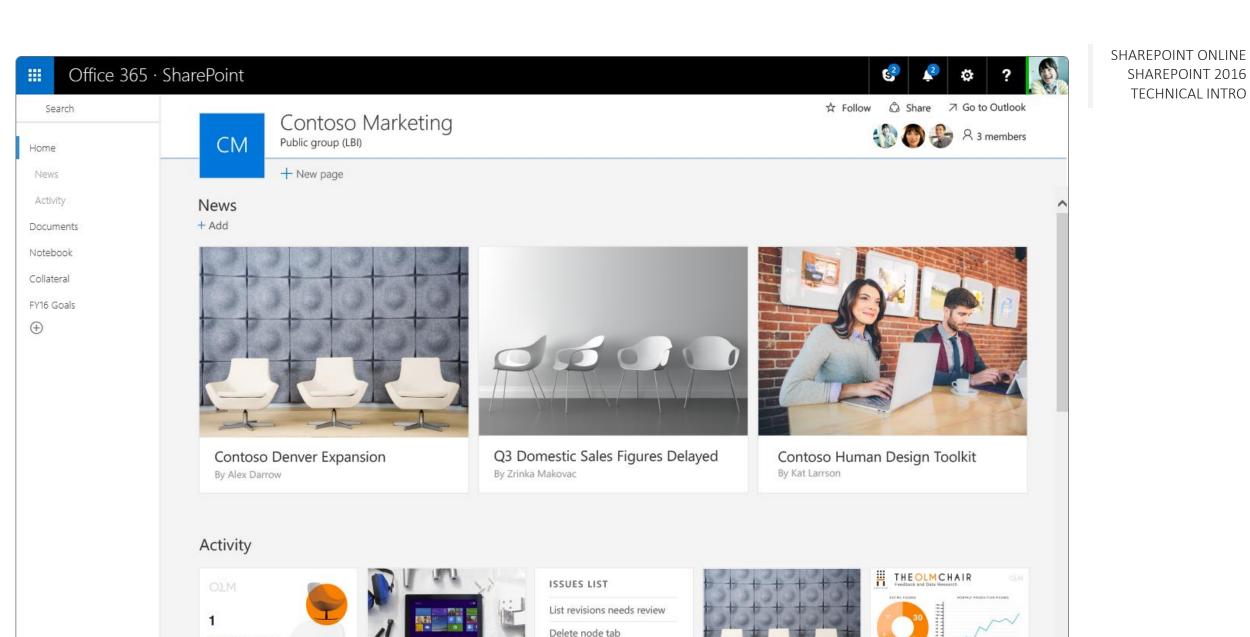
- MinRole
- Nové SAs
- Změny v komponentách

### **COMPLIANCE**

Nové možnosti řízení životního cyklu obsahu a jeho správy a správy prostředí a sledování konfiguračních změn (DLP, Retention, Content Search, Audit Log Search)

# "Změny v UI"



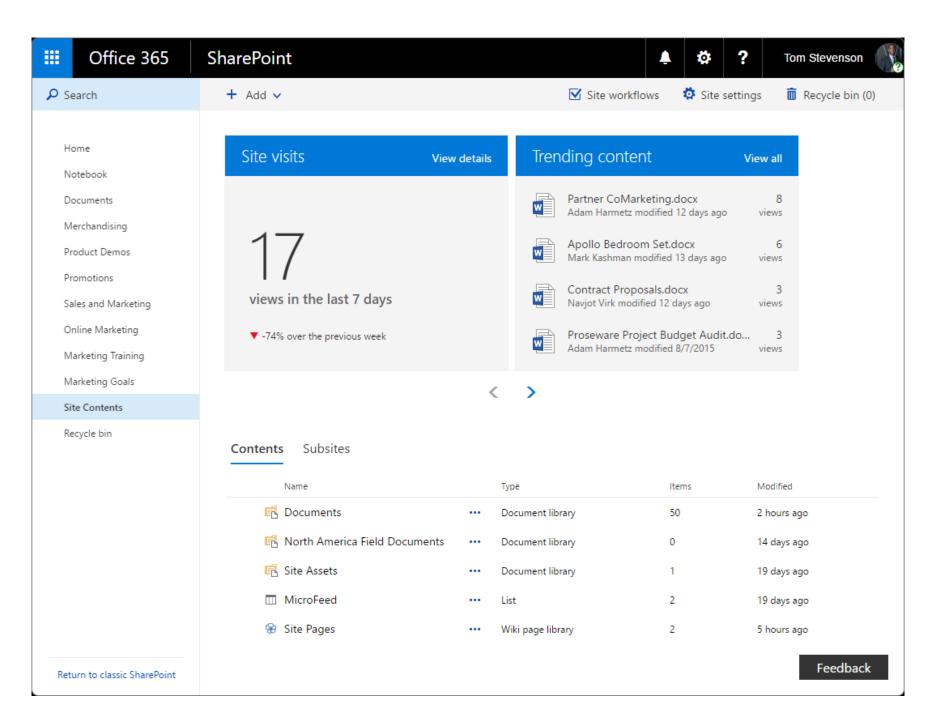


Review & test by the com...

STUDY DICTUM

**SHAREPOINT 2016** TECHNICAL INTRO

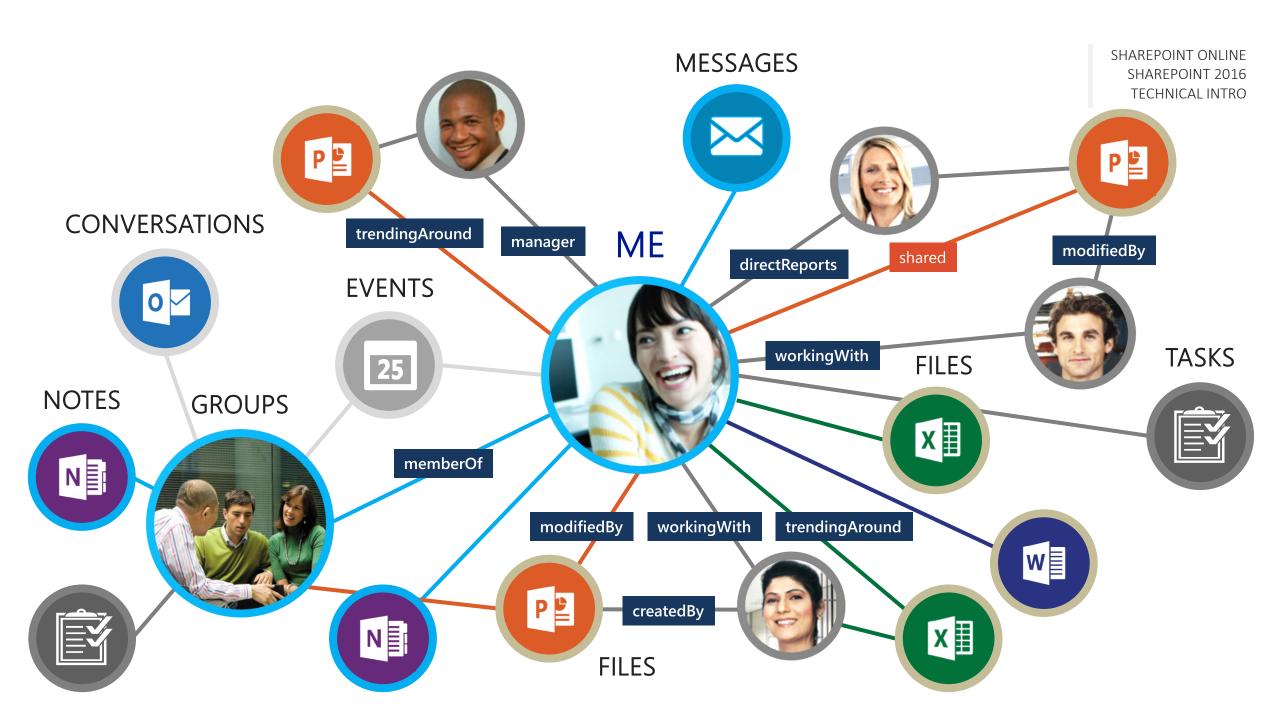
SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

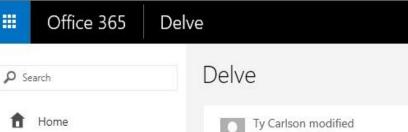


SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

# "Next-Gen Portals"

# Delve

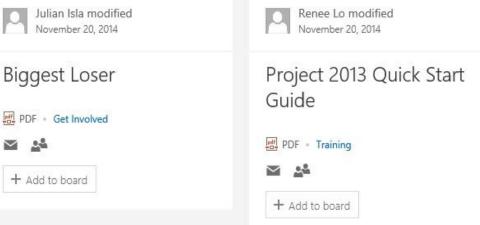






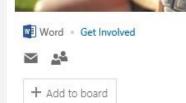


Contoso 5K









Renee Lo modified

Trademark and Patent

November 20, 2014



Renee Lo modified







Litigation Tracking Report Case DstCrt-3456



My work

PEOPLE

Shared with me

Dan Jump

Ty Carlson

Julian Isla

Jamie Reding

Molly Clark



+ Add to board

### Litigation Documentation Case 2259



+ Add to board



Infringement

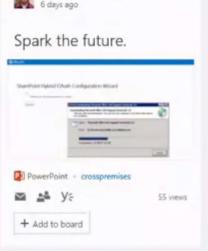


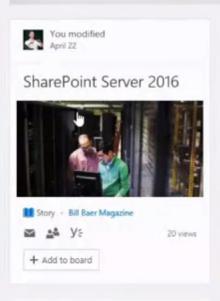












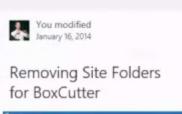
You modified

Spark the future.

B2B.pptx

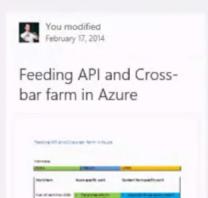


Bill Baer











PEOPLE

Thom Gruhler

Mark Kashman

Reuben Krippner

Angus Logan

Seth Patton

Omid Mola

### Dashboard

### Data from: Past 30 days



### My team's work map



887 + +2%

Emails

67 V -3% Meetings

250 ↑ +2% Skype

90 1 +2%

Yammer

### (L) My work life balance



Emails sent outside of business

6% more than company average

12%

Meetings outside of business hours

3% more than company average



Skype sessions outside of business hours

7% more than company average



Yammer conversations outside of business hours

1% less than company average



### My meeting time

Time spent during business hours

A 12% more than company average

60%

Time spent with other teams

20%

2% less than company average

Time spent with customers

30% ~

5% more than company average

### My team's interactions by location

Your business hours are 9AM to 6PM, M-F



Redmond, WA USA

587 V -3%

Interactions

New York, NY USA

203 1+2% Interactions

Sydney, Australia

Interactions



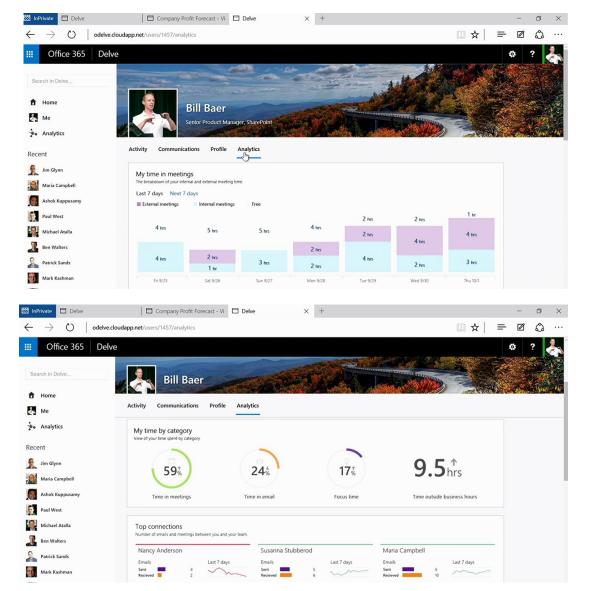
**(11)** 

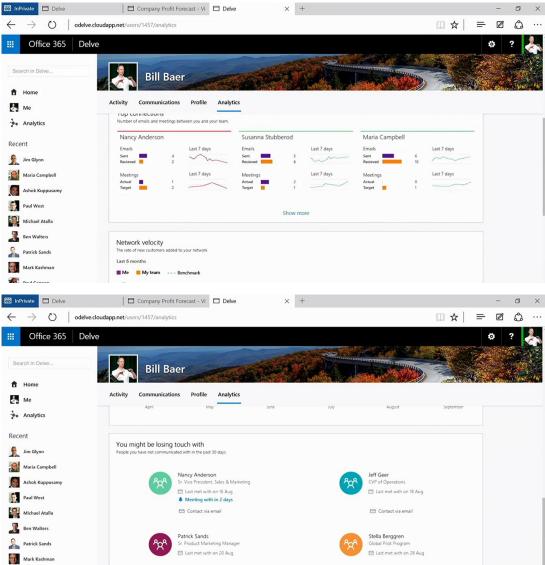






### **DELVE ANALYTICS**



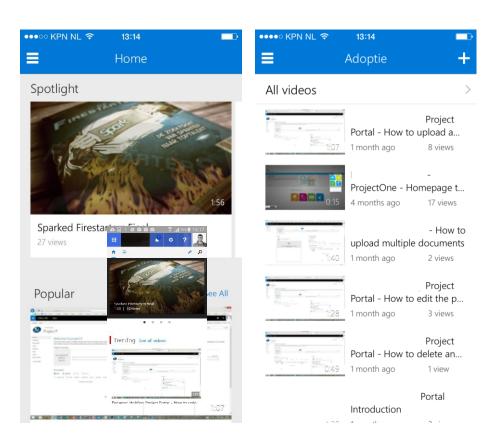


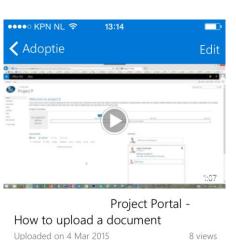
# Office Video

# Office 365 Video



### MOBILNÍ PŘÍSTUP

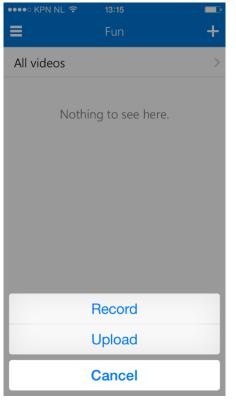


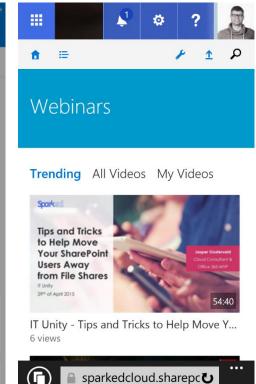


#### Adoptie Een video gemaakt voor de eindgebruikers Project Portal. De van de video legt uit hoe je een document toevoegt

in een project site.

8 views

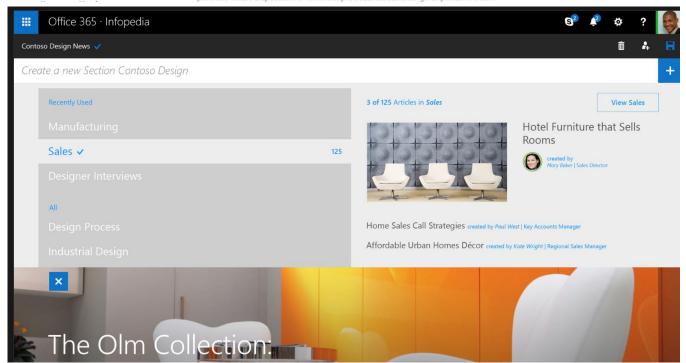


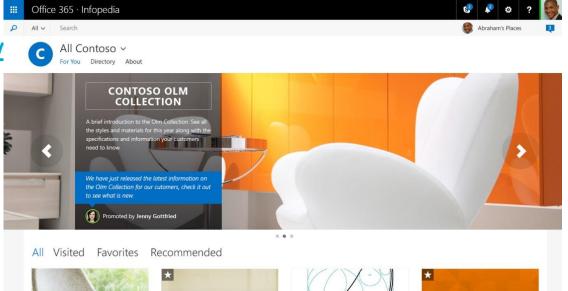


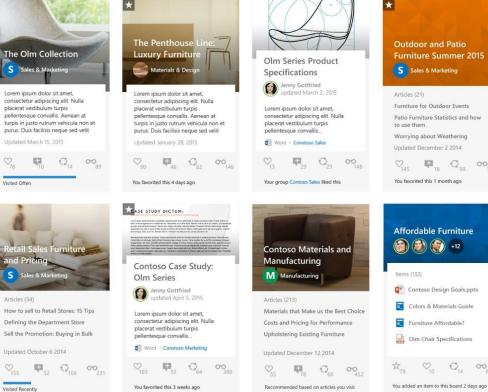
# InfoPedia











P 18 0 98

O, O, 00



Exchange

SharePoint

Yammer **y** 

Lync 🗘



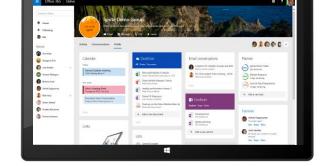


Office Graph









Search & Discovery of Content

People Insights

Group Insights

# Compliance



**Deletion Policies** 

**Deletion Policies** 

Policy Assignments for Templates

Policy Assignments for Site Collections

**DLP Policies** 

**DLP Policy Management** 

DLP Policy Assignments for Site Collections

### Document Deletion Policy Center

Use the Compliance Policy Center to manage Document Deletion and DLP Policies to help keep information secure in your organization. You can configure policies to delete content after a specific time, or notify end users when they share sensitive content. These policies can then be assigned to sites in SharePoint to protect content. The Compliance Policy Center is also required if you want to protect content in SharePoint using DLP Policies in Office 365. Learn more about Document Deletion Policies...



#### **Deletion Policies**

Create and manage deletion policies to delete documents after a specified period of time. For example, you can set up a policy that deletes documents in a site collection five years after the documents were created.

	Find an item	٥
~	Name	Modified
	Sample MySite Policy	A few seconds ago
	Sample Document Policy	A few seconds ago



#### Policy Assignments for Templates

Assign deletion policies to site collection templates. All site collections created from the template will use these policies, unless there's a policy assigned to a specific site collection to override these.



There are no items to show in this view of the "Policy Assignments" list.



#### Policy Assignments for Site Collections

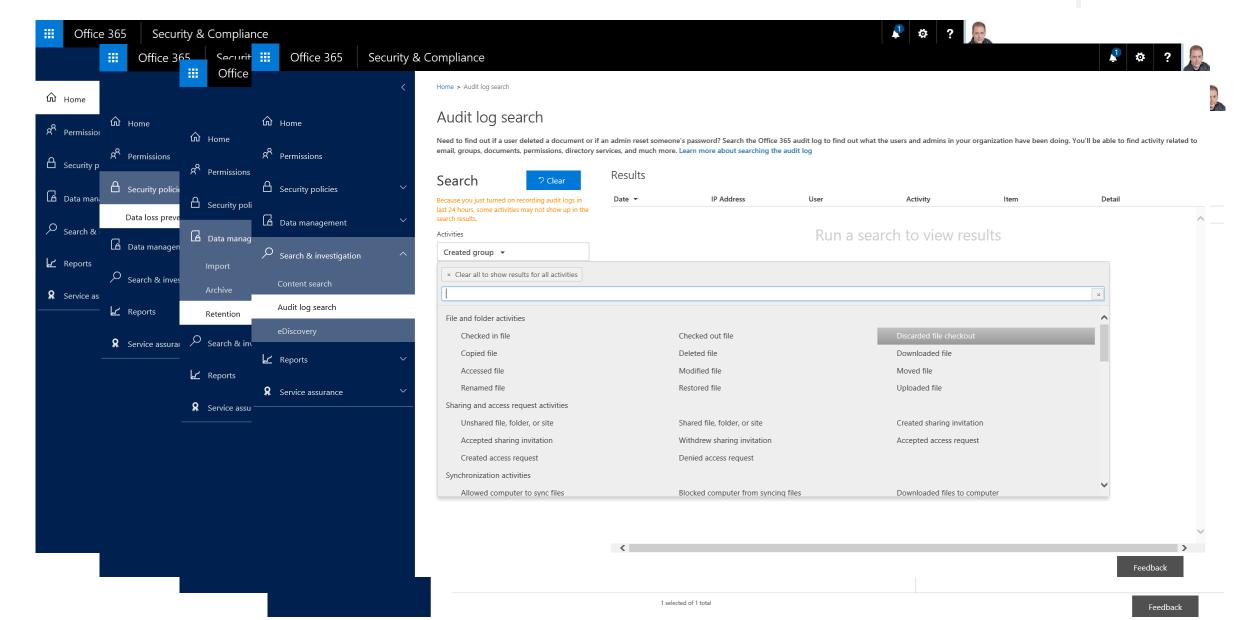
Assign deletion policies to specific site collections. These assignments will override any policies assigned to the site collection template.



There are no items to show in this view of the "Policy Assignments" list.

#### SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

### **COMPLIANCE**



# Hybrid Scenarios

### SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

### HYBRIDNÍ SCÉNÁŘE

## Office 365 Admin

A ♥ ?

#### SharePoint admin center

site collections

infopath

user profiles

bcs

term store

records management

search

secure store

apps

settings

configure hybrid

### cloud-driven hybrid picker

Use the hybrid settings on this page to integrate hybrid solutions with your existing SharePoint Server farm. Pick the hybrid features you want to include in your SharePoint on-premises environment, and we will configure the settings automatically.

#### **Prerequisites**

Before you can turn on hybrid OneDrive and SharePoint Sites, go to the article to set up the prerequisites

#### **Hybrid OneDrive**

Redirect OneDrive for Business to OneDrive on Office 365 so users can save and share documents from any devices. No other SharePoint on-premises features are affected.

Learn more

#### **Hybrid SharePoint Sites**

Turn on hybrid sites features.

Learn more

Microsoft © 2012 Microsoft Corporation Legal | Privacy Community | Feedback

### HYBRIDNÍ SCÉNÁŘE

\*\*\*

Office 365

Admin







#### SharePoint admin center

site collections

infopath

user profiles

bcs

term store

records management

search

secure store

apps

sharing

settings

configure hybrid

### hybrid picker

Use the hybrid picker to select the features you want to set up to connect your SharePoint Server environment with Office 365. Important: Make sure you run Hybrid Picker on a SharePoint 2016 or SharePoint 2013 server.

#### **Prerequisites**

Learn more about the prerequisites for running the hybrid picker.

#### **Hybrid Picker**

- OneDrive: Redirect OneDrive for Business to OneDrive in Office 365. This will also redirect your profiles. Learn more
- OneDrive and Sites: Enable hybrid OneDrive with hybrid Sites features to give users a more seamless experience. Learn more
- App launcher: Add Office 365 Delve and Video apps, along with your custom Office 365 tiles, to your SharePoint Server app launcher. Learn more
- Extranet business-to-business (B2B) sites: Configure SharePoint Online sites for extranet business-to-business collaboration with admin-managed partner users. Learn more

#### **Hybrid Auditing (Preview)**

Enable Hybrid Auditing feature to get visibility to users' file access activities in your SharePoint 2016 On-premises environment, with the power of Office 365 Audit Log Search capability.

Learn more

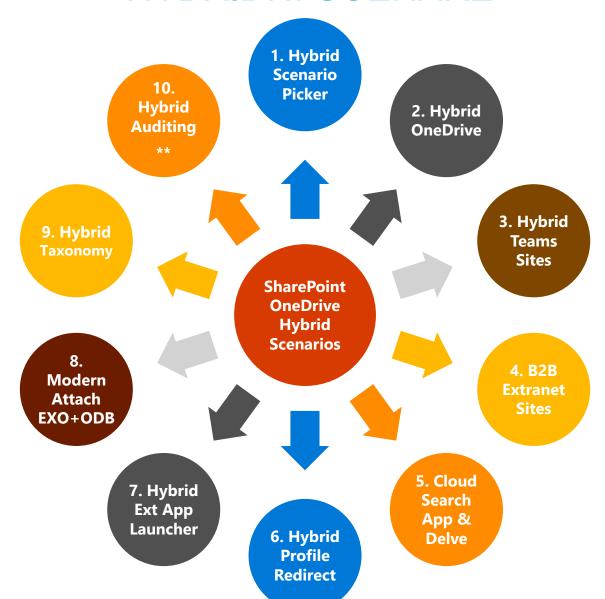
#### Hybrid SharePoint Taxonomy (Preview)

Turn on Taxonomy Groups Replication timer Job to replicate Taxonomy groups from a Remote SharePoint installation (SharePoint Online) to your local SharePoint installation (on-premises)

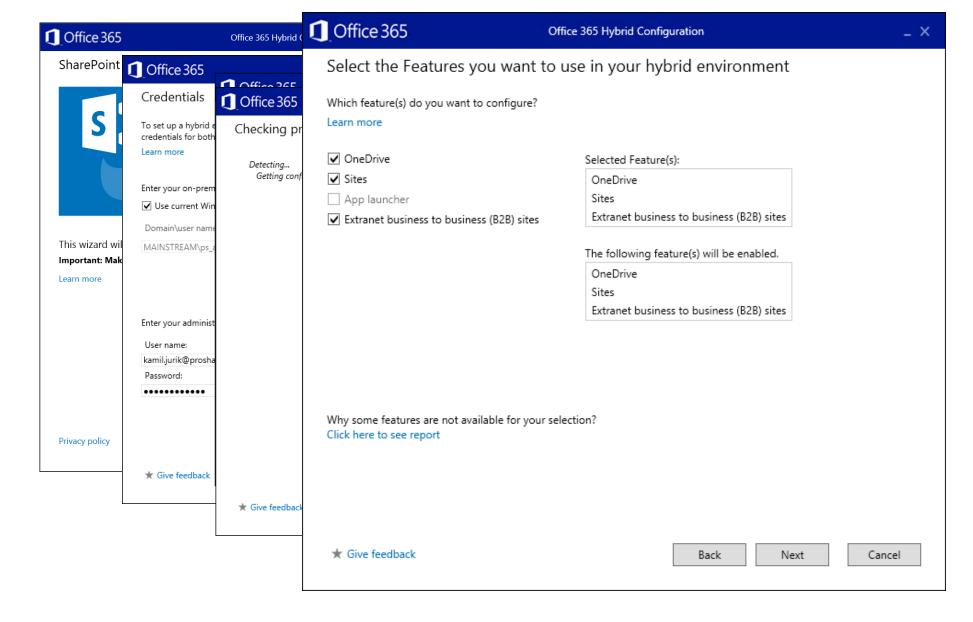
Learn more

Microsoft © 2012 Microsoft Corporation Legal | Privacy

# HYBRIDNÍ SCÉNÁŘE



## SHAREPOINT HYBRID PICKER



SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

## HYBRIDNÍ SCÉNÁŘE A POŽADOVANÁ CU

The minimum required farm versions of different hybrid features are as follows:

#### OneDrive:

SharePoint server 2015:2015 September PU (15.0.4753.1000)

SharePoint server 2016:RTM and later

#### Sites:

SharePoint server 2015:2015 September PU (15.0.4753.1000)

SharePoint server 2016:RTM and later

#### App launcher:

SharePoint server 2015:2016 July PU (15.0.4841.1000)

SharePoint server 2016:RTM and later

#### Extranet business to business (B2B) sites:

SharePoint server 2015:2015 September PU (15.0.4753.1000)

SharePoint server 2016:RTM and later

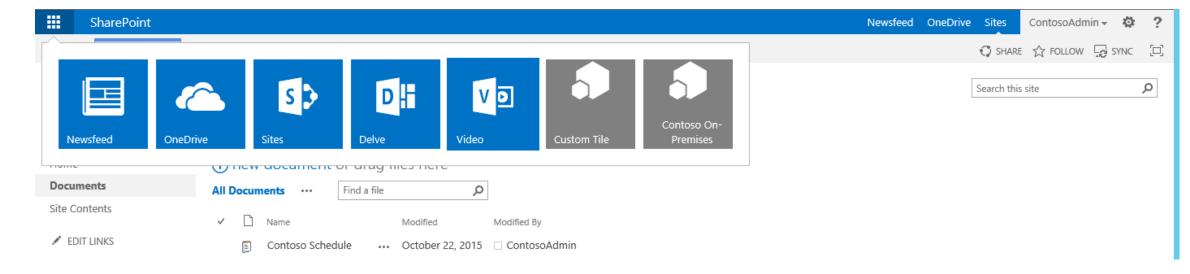
# Hybrid Extensible App Launcher for SP 2013

## HYBRID EXTENSIBLE APP LAUNCHER FOR SP 2013

Umožňuje definovat navigační odkazy, které z SharePoint 2013 On-premises webů odkazují do O365 služeb jako je např. Office Video, Office Delve, apod.

Dostupné v rámci SP 2013 Sept'16 CU

(V SharePoint 2016 již obsaženo)



# Hybridní metadata

# HYBRIDNÍ METATADA (HYBRID TAXONOMY)

Umožňuje sdílet centrálně definované číselníky spravovaných metadat (Term-Store Taxonomy Items) v rámci SharePoint On-Premises & Online

Bude dostupné jako "Preview" v SharePoint 2016 Feature Pack 1 Získáte ale jako "Preview" i v rámci SharePoint 2013 Sep'16 CU ©

Terms, Term Sets, a Term Groups jsou tedy dostupné v rámci obou prostředí

Zdrojem "pravdy" je ale vždy SharePoint Online!

Sdílet je možné je vybrané Term Groups, ne jen celý Term Store

Local terms (definované přímo z kolekcí) zůstávají lokální a nejsou replikovány

**Zdrojem je vždy SharePoint Online**, v SharePoint On-Premises je read-only kopie Terms synchronizovaných z Online

Během replikace se zachovávají term IDs

Taxonomy Groups **Replication timer job může být spuštěn na vyžádání**, jednou týdně se standardně celá celá replika

Programová podpora pro import do SPO Taxonomy Store ze systémů 3. stran

**Podpora v rámci PowerShell** pro provedení jednorázové repliky vybraných Term Groups z SharePoint On-Premises do SharePoint Online

Content types hubs jsou však nadále spravovány odděleně v obou prostředích

# Hybridní OneDrive

#### SHAREPOINT ONLINE SHAREPOINT 2016 TECHNICAL INTRO

# HYBRIDNÍ ONEDRIVE

Office 365

Kamil Juřík

Help

## SharePoint Hybrid OneDrive for Business

This wizard simplifies the configuration of SharePoint Hyl and SharePoint Online.

Note, a small application will need to be installed in orde

Click here to learn about Hybrid OneDrive Scenario

Next

Cancel

SharePoint Hybrid OneDrive for Business

Configuring SharePoint Hybrid for on-premises environments...

Configuring environments...

Cancel

This will take a few moments. Please wait.



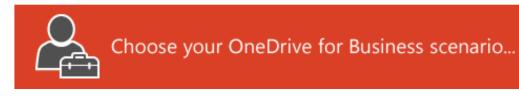
# HYBRIDNÍ ONEDRIVE

# OneDrive for Business Configuration Scenarios - Admin Help

OneDrive for Business can be configured in Office 365 or in SharePoint Server 2013. You can also integrate both environments to create a hybrid experience. These steps are intended for administrators or IT professionals who manage business, government, nonprofit, and educational customers.

Want to learn more about how to use OneDrive for Business? Go to Store, sync, and share your work files (OneDrive for Business).

Click one of the tiles below to configure OneDrive for Business for your organization.



Office 365



Hybrid SharePoint 2013 & Office 365



Hybrid SharePoint 2010 & Office 365



SharePoint Server 2013



# Hybridní osobní weby a "social" funkce

# HYBRIDNÍ WEBY

### ■ Redirecting users' profiles

Hybrid sites features redirect hybrid users to their profiles in Office 365. This ensures that hybrid users have a single place for their profile information. Profile redirection works as follows:

- Profiles for all hybrid users are in Office 365. Clicking a hybrid user's profile in SharePoint Server redirects you to their Delve profile in Office 365 (even if you're not a hybrid user yourself).
- If you choose to use a SharePoint audience when you configure hybrid sites features, non-hybrid users (those not in the audience) retain their SharePoint Server profiles, and they also have Delve profiles in Office 365 if they are licensed Office 365 users.

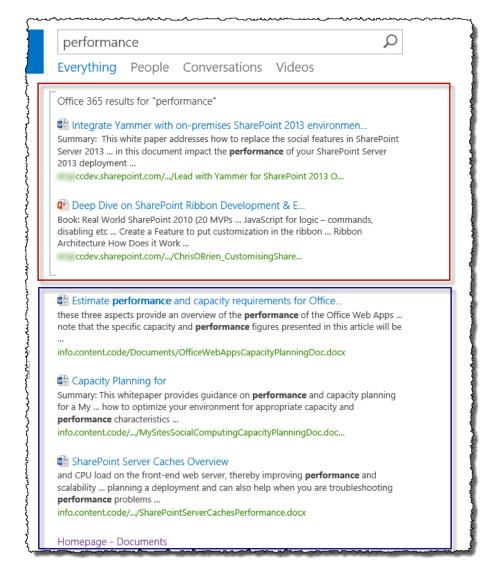
Note that when hybrid sites features are configured, users' existing profile information is not migrated to Office 365. Any profile information that users want to keep will have to be migrated manually.

### ■ Redirecting the followed sites list

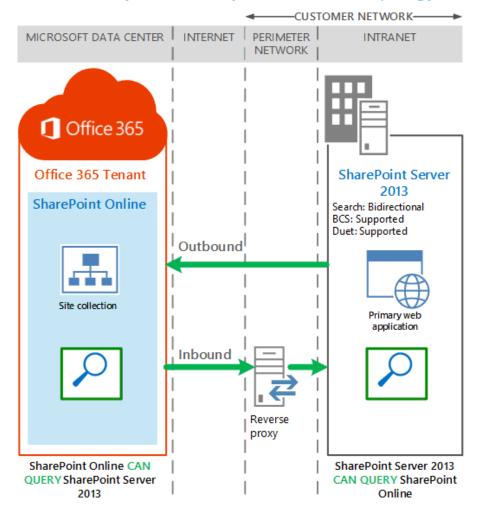
When a user follows a site, a link to that site is added to the user's Followed Sites list. If you're using both SharePoint Server 2016 IT Preview and SharePoint Online, your users will have different followed lists for sites in each location. Hybrid sites features consolidates the information from both locations into the SharePoint Online list in Office 365.

# Hybridní vyhledávání

## HYBRIDNÍ VYHLEDÁVÁNÍ



#### SharePoint hybrid two-way (bidirectional) topology



Mix...

## MIX...



Documents can be set to use Resource ID for the URLs. Redirect manager handles the inbound requests from guest links, external sharing, and SharePoint UI such as webparts, and handles them back to the user.

## Patching

Smaller & faster. The biggest improvement in patching for SharePoint 2016 is In-place, online, installation of patches. You can install the patches in the middle of the day without affecting users accessing the farm at all.

# **Boundaries and Limits**

## **BOUNDARIES AND LIMITS**

Content Database Size	Site Collections per Content Database	List Threshold	MaxFile Size	Indexed Items
Content database sizing into TB's  25 TB per Site Collection	100,000 site collections per content database	Increased List Threshold >5000	MaxFile Size increases to 10GB and removed character restrictions	2x increase in Search scale to 500 million items

## **DOTAZY**



# **DĚKUJI VÁM ZA POZORNOST!**

MÁTE NĚJAKÉ OTÁZKY?

