

Microsoft 365 platform community call

October 18, 2022

Your host in this call:
Vesa Juvonen

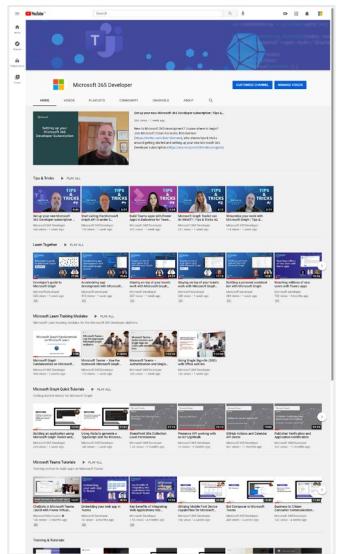


Agenda

- Latest updates and news on the Microsoft 365 platform
- Group picture time with Together Mode!
- Demos
 - **Njeri Grevious** – Introduction to Microsoft Graph Search API
 - **Ayça Baş** – Build your first Command bot in C# for Microsoft Teams with Teams Toolkit for Visual Studio

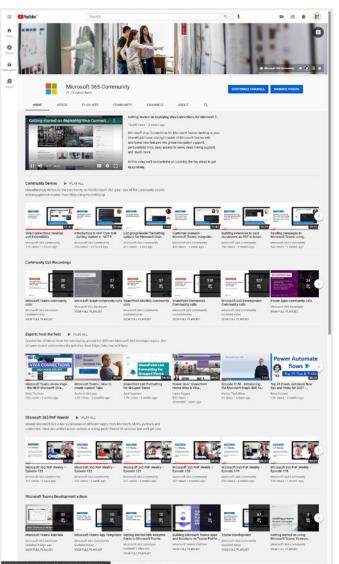


Microsoft 365 developer videos



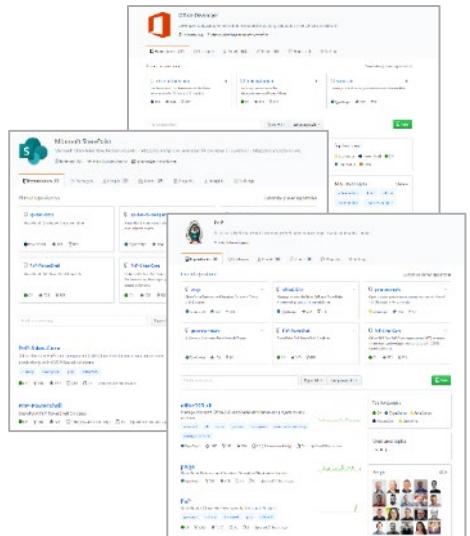
aka.ms/m365devyoutube

Microsoft 365 community videos



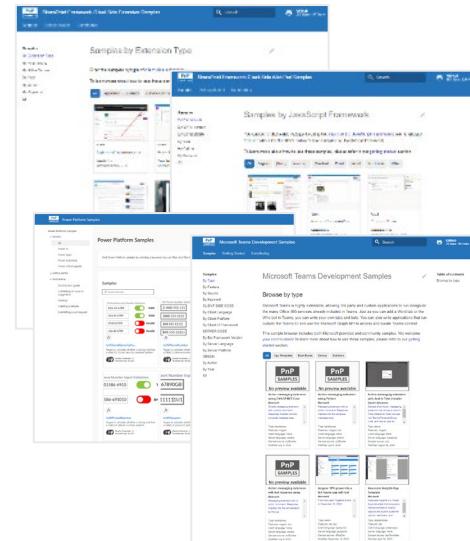
aka.ms/m365/videos

Open-source



github.com/pnp
github.com/OfficeDev
github.com/sharepoint
github.com/microsoftgraph

Sample galleries



aka.ms/m365/samples
aka.ms/teams-samples
aka.ms/spfx-webparts
aka.ms/powerplatform-samples
aka.ms/spfx-extensions
aka.ms/list-formatting

Open-source initiatives and samples



aka.ms/m365/community

Microsoft 365 developer community calls

Microsoft 365 platform (weekly) <https://aka.ms/m365-dev-call>

Adaptive Cards

<https://aka.ms/adaptivecardscommunitycall>

Microsoft identity platform

<https://aka.ms/IDDevCommunityCalendar>

Office Add-ins

<https://aka.ms/officeaddinscommunitycall>

Power Platform

<https://aka.ms/PowerAppsMonthlyCall>

Microsoft 365 and Power Platform community (bi-weekly)

<https://aka.ms/m365-dev-sig>

Viva Connections & SharePoint Framework (bi-weekly)

<https://aka.ms/spfx-call>

Download recurrent invites from

<https://aka.ms/m365/calls>

Getting started assets for Microsoft 365 dev

GUIDANCE

Register to Microsoft 365 Developer Program for **free** E5 developer tenant and other assets

aka.ms/m365/devprogram

Now with instant availability!

Join the Microsoft 365 Developer Program today!

Get a free sandbox, tools, and other resources you need to build solutions for the Microsoft 365 platform.

Join now >

Free developer sandbox
Get a free, renewable 90-day Microsoft 365 E5 developer subscription.
Learn more >

Sample data packs
Automatically configure your sandbox by installing user data and content to help you build your solution.
Learn more >

Access to experts
Access community events to learn from Microsoft 365 experts.
Learn more >

Personalized recommendations
Find developer resources quickly from your personalized dashboard.
Learn more >

aka.ms/m365/devprogram

LEARN

Get started on learning Microsoft 365 platform capabilities with these free training modules!

<http://aka.ms/m365/dev/learn>

FREE!

LEARNING PATH Extend Microsoft 365 – Fundamental
2 hr 49 min Microsoft 365 Developer Beginner

LEARNING PATH Develop apps for Microsoft Teams – Associate
9 hr 19 min Microsoft 365 Developer Intermediate

LEARNING PATH Build apps with Microsoft Graph – Associate
7 hr 41 min Microsoft Graph Developer Intermediate

LEARNING PATH Implement Microsoft identity – Associate
3 hr 42 min Microsoft 365 Developer Intermediate

LEARNING PATH Extend Microsoft Viva Connections
1 hr 35 min Microsoft 365 Developer Beginner

LEARNING PATH Microsoft Graph Fundamentals
1 hr 15 min Microsoft 365 Developer Beginner

LEARNING PATH Extend Microsoft SharePoint – Associate
9 hr 12 min Microsoft 365 Developer Intermediate

LEARNING PATH Develop apps with the Microsoft Graph Toolkit
1 hr 21 min Microsoft 365 Developer Beginner

LEARNING PATH Explore Microsoft Graph scenarios for ASP.NET Core development
1 hr 40 min Microsoft 365 Developer Intermediate

LEARNING PATH Extend Office clients with Office add-ins – Associate
3 hr 16 min Microsoft 365 Developer Intermediate

LEARNING PATH Explore Microsoft Graph scenarios for JavaScript development
1 hr 44 min Microsoft 365 Developer Intermediate

aka.ms/m365/dev/learn

Microsoft 365 Developer podcasts



The screenshot shows the Microsoft 365 Developer Podcast website. It features a red header with the text "Microsoft 365 Developer Podcast" and a photo of two hosts. Below the header, there's a summary of the podcast, its hosts (Jeremy Thake and Paul Schaelein), and its official account on Twitter (@m365devpodcast). A "Following" button is visible. At the bottom, there's a Microsoft logo and a small blue bird icon.

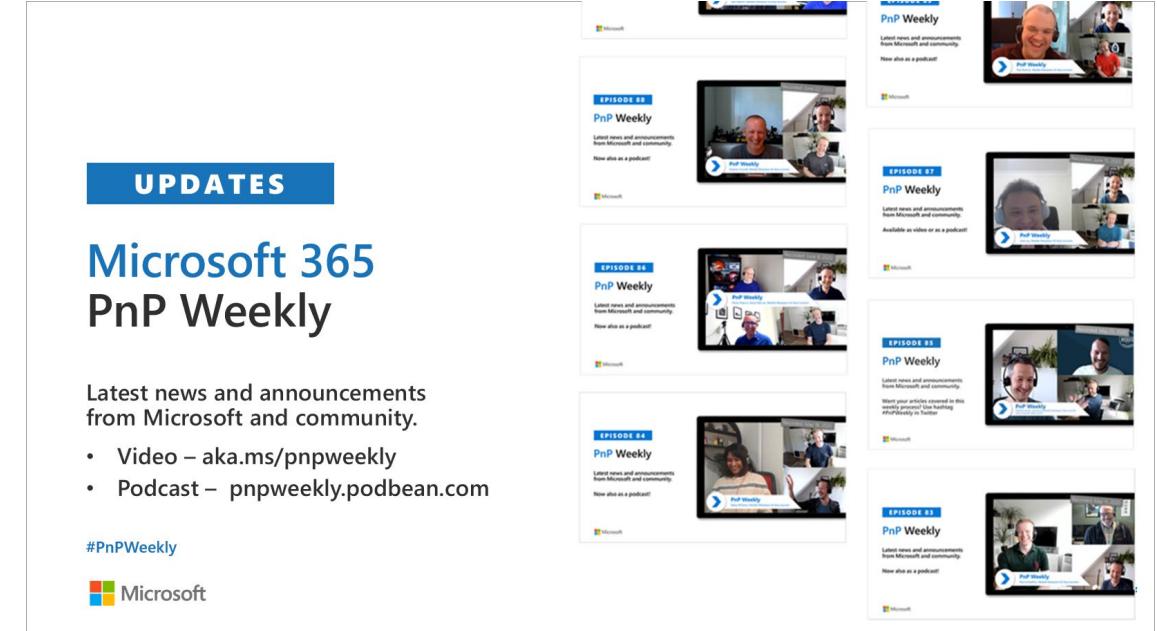
Microsoft 365 Developer Podcast

Weekly podcast concentrating fully to Microsoft 365 dev topics – hosted by Jeremy Thake (Microsoft) and Paul Schaelein (Addin365)

m365devpodcast.com

Microsoft

m365devpodcast.com



The screenshot shows the Microsoft PnP Weekly website. It has a "UPDATES" section with the title "Microsoft 365 PnP Weekly". Below the title, it says "Latest news and announcements from Microsoft and community." There are two bullet points: "Video – aka.ms/pnpweekly" and "Podcast – pnpweekly.podbean.com". At the bottom, there's a Microsoft logo.

UPDATES

Microsoft 365 PnP Weekly

Latest news and announcements from Microsoft and community.

- Video – aka.ms/pnpweekly
- Podcast – pnpweekly.podbean.com

#PnPWeekly

Microsoft

Video – aka.ms/pnpweekly
Podcast – pnpweekly.podbean.com

SAMPLES

New Microsoft 365 sample gallery with more than **1100** samples from Microsoft and community

aka.ms/m365/samples

The Microsoft 365 Sample Solution Gallery is a collection of over 1100 samples from Microsoft and the community. It features a search bar and a grid of cards for each sample, including a preview image, title, author, and modification date. The sidebar on the right allows users to filter by product category.

- All Products
- All Products
- Microsoft Lists
- Microsoft Teams
- Azure AD
- Office
- Power Apps
- Power Automate
- Power Fx
- SharePoint
- Viva
- Microsoft Graph
- Microsoft Graph Toolkit

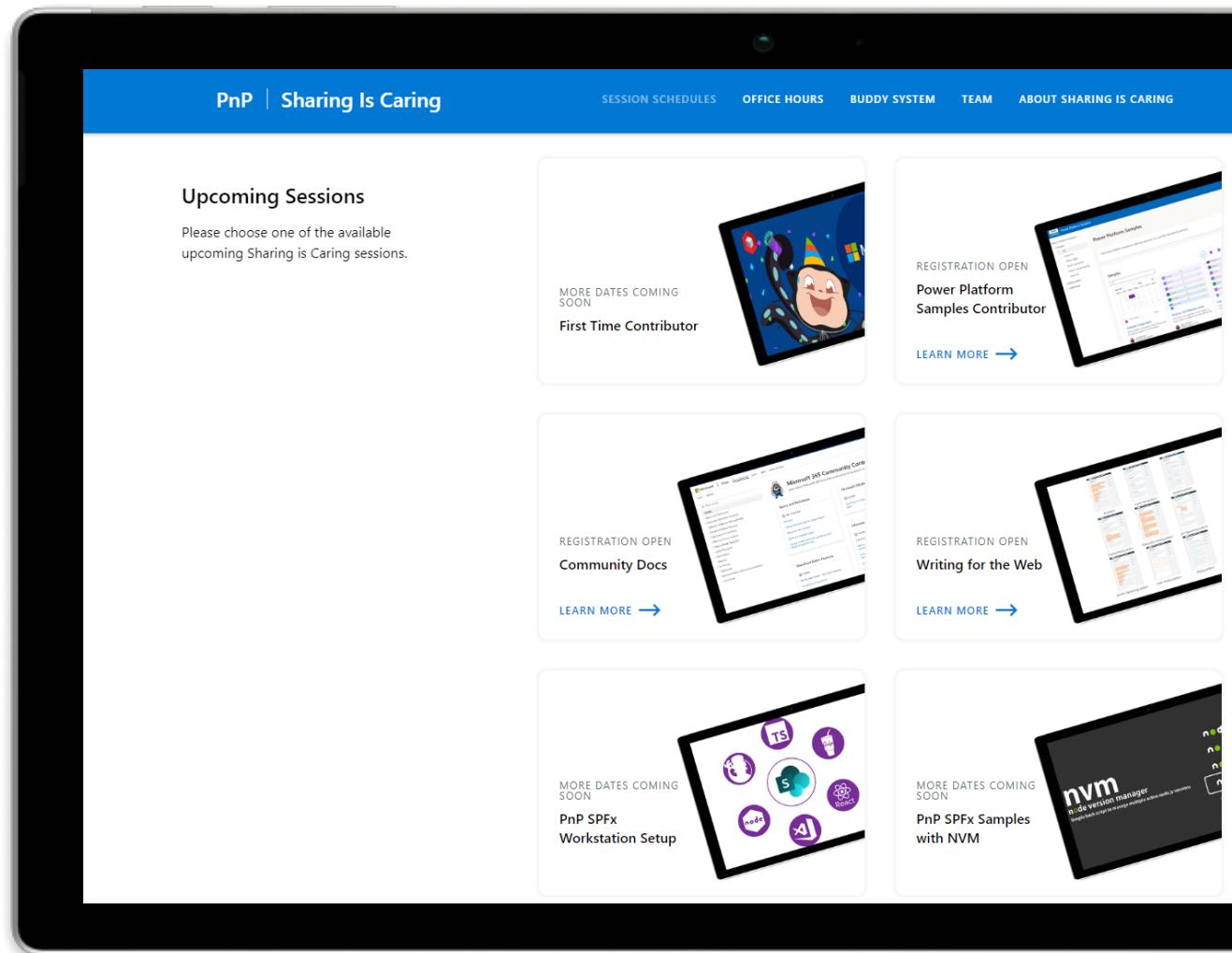
GUIDANCE

Learn how to get started in the open-source PnP community!

Upcoming Sessions:

- General First Time Contributor
- Power Platform Samples Contributor
- Writing for the Web
- SPFx Developer Workstation Setup
- Using PnP SPFx samples w/ NVM
- More than code with VS Code
- First-time presenter
- M365 Maturity Model Practitioners

Power Pages
Coming Soon



<https://aka.ms/sharing-is-caring>

ISV guidance on building solutions with monetization in Microsoft Teams



Async self-learning
<https://aka.ms/app-camp>



Online event on October 20th
<https://aka.ms/TeamsAppCamp>

Microsoft 365 Developer Blog

A developer platform for building collaborative apps for hybrid work

<https://aka.ms/m365dev/blog>

<https://aka.ms/teams/blog>

<https://aka.ms/microsoftviva/blog>

<https://aka.ms/sp-blog>



Join the 30 Days of Microsoft Graph Challenge

October 17, 2022



30 Days of Microsoft Graph is a gamified learning experience for beginners to challenge themselves on building apps with Microsoft Graph and JavaScript based on the top Microsoft Graph scenarios.

0 | 1 | Microsoft Graph



Boost your Microsoft Teams app experience with new link unfurling capabilities

October 12, 2022



Links are one of the most popular forms of content shared in Microsoft Teams today. We are investing deeply in this space to enable rich discovery and content collaboration experiences, with link unfurling at the center of these workflows.

0 | 1 | Microsoft Teams



Ignite 2022: Transforming collaboration with low and pro code dev tools

October 12, 2022



Learn about our Ignite 2022 announcements, from pro code to low code, to help you build apps that are collaborative by design, meeting users right in the flow of work.

0 | 1 | Microsoft Teams | Adaptive Cards | Fluid Framework



App Compliance Automation Tool for Microsoft 365 launching in public preview

October 12, 2022



We are excited to announce public preview of the App Compliance Automation Tool for Microsoft 365 to simplify the certification process is coming in November.

1 | 1 | Microsoft Teams | Office Add-ins



Want to embed Microsoft Teams in your app? Here's how

October 12, 2022



Get details on the building blocks to create a collaborative app, powered by Microsoft Teams, Azure Communication Services and the Microsoft Graph API.

0 | 1 | Microsoft Teams | Microsoft Graph



Announcing updates to Microsoft Teams API in Microsoft Graph

October 12, 2022



Today, we're pleased to announce the general availability of the Microsoft Teams API in Microsoft Graph, including support for Microsoft Teams messages.

1 | 1 | Microsoft Graph | Microsoft Teams



Announcing updates to the Planner API in Microsoft Graph

October 12, 2022



Learn about the new capabilities coming soon to the Planner API in Microsoft Graph, including Business Scenarios and application permissions.

0 | 6 | Microsoft Graph



Scale access to Microsoft 365 data with Microsoft Graph Data Connect

October 12, 2022



Learn about the latest innovations for Microsoft Graph Data Connect, including our streamlined data engineering pipeline, templates, and datasets.

0 | 1 | Microsoft Graph | SharePoint



What's new for Office Add-ins at Ignite 2022

October 12, 2022



The blog covers the latest Office Add-ins announcements with our developer and IT admin community. These new features will help you create solutions so you can do more with less.

0 | 4 | Office Add-ins | Microsoft 365 Developer

Microsoft 365 Developer Blog

A developer platform for building collaborative apps for hybrid work

<https://aka.ms/m365dev/blog>

<https://aka.ms/teams/blog>

<https://aka.ms/microsoftviva/blog>

<https://aka.ms/sp-blog>



Microsoft Teams and Rogers Business discuss enterprise...

Bindu Pillai on Oct 14 2022 03:07 PM

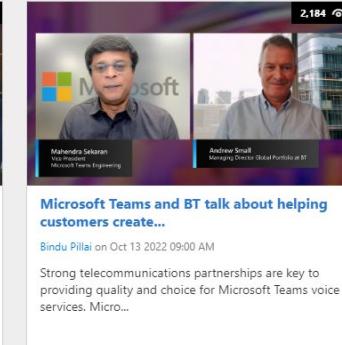
Microsoft and Rogers Business are bringing new levels of mobility and flexibility to Microsoft Teams customers in Canada...



Microsoft Teams and Verizon Business Group discuss...

Bindu Pillai on Oct 13 2022 09:00 AM

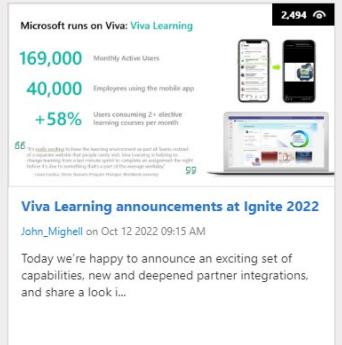
Cloud telephony and communications play a critical role in our customers' digital transformation journeys. Partnerships ...



Microsoft Teams and BT talk about helping customers create...

Bindu Pillai on Oct 13 2022 09:00 AM

Strong telecommunications partnerships are key to providing quality and choice for Microsoft Teams voice services. Micro...



Microsoft runs on Viva: Viva Learning

169,000 Monthly Active Users

40,000 Employees using the mobile app

+58% Users consuming 2+ elective learning courses per month

66% of users report that the learning environment as part of Teams makes it easier to learn. 75% of users say that learning in Teams has increased their confidence in their ability to complete an assignment. The average change in learning score from pre-module quiz to post-module quiz is 10%. 75% of users report that the learning environment as part of Teams makes it easier to learn. 75% of users say that learning in Teams has increased their confidence in their ability to complete an assignment. The average change in learning score from pre-module quiz to post-module quiz is 10%.

Viva Learning announcements at Ignite 2022

John_Mighell on Oct 12 2022 09:15 AM

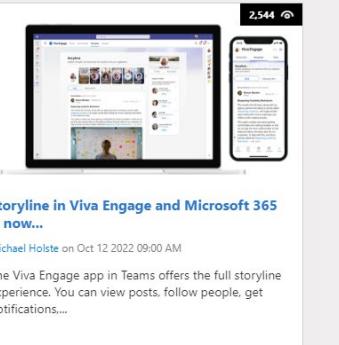
Today we're happy to announce an exciting set of capabilities, new and deepened partner integrations, and share a look ...



Announcing new Microsoft Viva IT Admin features

geeta_aramkrishnan on Oct 12 2022 09:00 AM

With our new Microsoft Viva admin experience, IT admins will be able to initiate configuration, deployment, and license ...



Storyline in Viva Engage and Microsoft 365 is now...

Michel_Holste on Oct 12 2022 09:00 AM

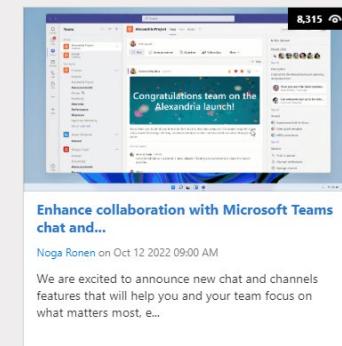
The Viva Engage app in Teams offers the full storyline experience. You can view posts, follow people, get notifications...



Introducing Mesh avatars for Microsoft Teams in Private...

Avery_Salumbides on Oct 12 2022 09:00 AM

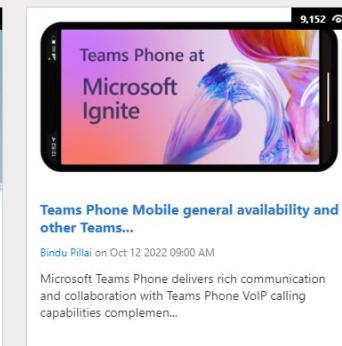
At Microsoft, we are committed to offering innovative solutions to encourage collaboration and enhance connection. regar...



Enhance collaboration with Microsoft Teams chat and...

Noga_Ronen on Oct 12 2022 09:00 AM

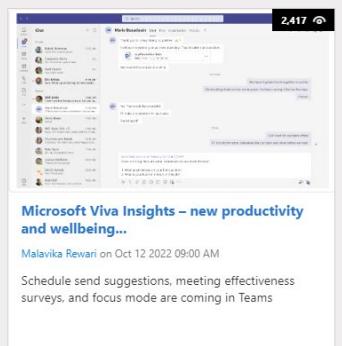
We are excited to announce new chat and channels features that will help you and your team focus on what matters most. e...



Teams Phone Mobile general availability and other Teams...

Bindu Pillai on Oct 12 2022 09:00 AM

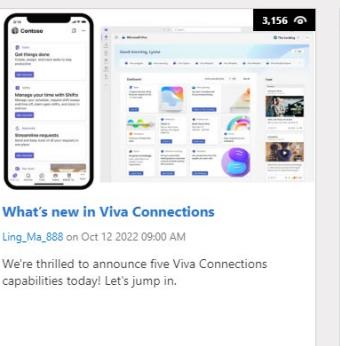
Microsoft Teams Phone delivers rich communication and collaboration with Teams Phone VoIP calling capabilities complemen...



Microsoft Viva Insights – new productivity and wellbeing...

Malavika_Rewari on Oct 12 2022 09:00 AM

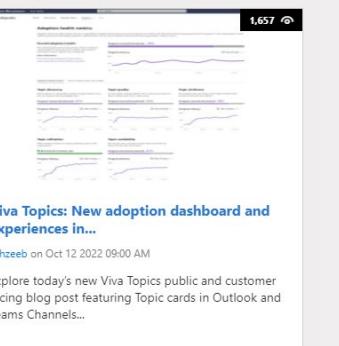
Schedule send suggestions, meeting effectiveness surveys, and focus mode are coming in Teams



What's new in Viva Connections

Ling_Ma_888 on Oct 12 2022 09:00 AM

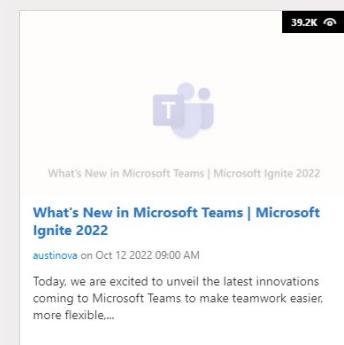
We're thrilled to announce five Viva Connections capabilities today! Let's jump in.



Viva Topics: New adoption dashboard and experiences in...

Telzheeb on Oct 12 2022 09:00 AM

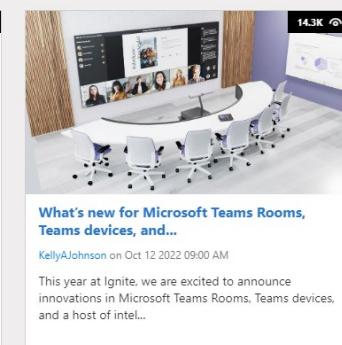
Explore today's new Viva Topics public and customer-facing blog post featuring Topic cards in Outlook and Teams Channels...



What's New in Microsoft Teams | Microsoft Ignite 2022

austinova on Oct 12 2022 09:00 AM

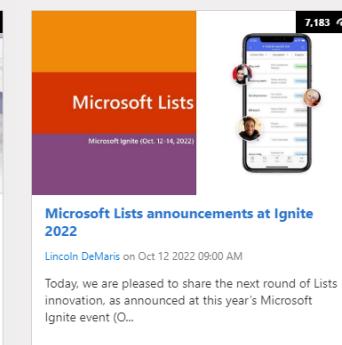
Today, we are excited to unveil the latest innovations coming to Microsoft Teams to make teamwork easier, more flexible...



What's new for Microsoft Teams Rooms, Teams devices, and...

KellyJohnson on Oct 12 2022 09:00 AM

This year at Ignite, we are excited to announce innovations in Microsoft Teams Rooms, Teams devices, and a host of intel...



Microsoft Lists announcements at Ignite 2022

Lincoln_DeMars on Oct 12 2022 09:00 AM

Today, we are pleased to share the next round of Lists innovation, as announced at this year's Microsoft Ignite event (O...



Microsoft Ignite 2022: Innovations and roadmap for...

Seth_Patton on Oct 12 2022 09:00 AM

Learn what's new and what's coming for Microsoft Viva to help empower and energize employees.



Viva Goals: A Practical Guide to OKRs

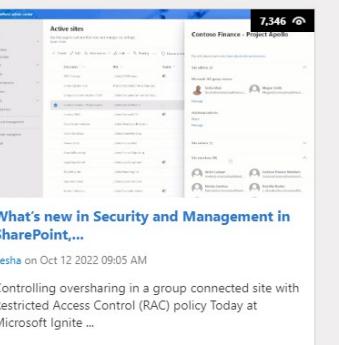
Lucy_Hicks Senior PMM, Viva Goals

Liz_Phillips Principal PM Manager, Viva Goals CIP

Connect daily work to OKRs with our latest Viva Goals...

nirjatrivedi on Oct 12 2022 09:00 AM

We're excited to announce new integrations with first-party Microsoft tools you know and love, including an enhanced Mi...



What's new in Security and Management in SharePoint...

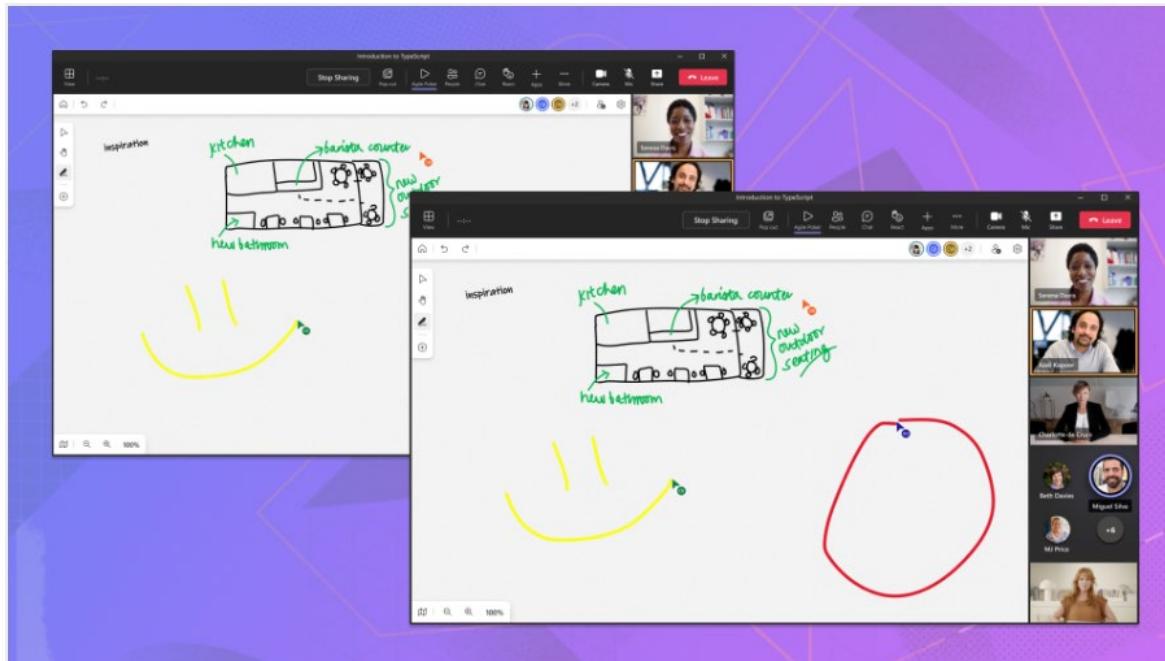
Sesha on Oct 12 2022 09:05 AM

Controlling oversharing in a group connected site with Restricted Access Control (RAC) policy Today at Microsoft Ignite ...

Teams Platform updates

Sample code

1 Live Share canvas



Docs:

<http://aka.ms/TeamsDevDocs> > Build apps for Teams meetings and calls > Enhanced collaboration with Live Share > [Canvas](#)

Doc updates

Apps for Teams meetings and calls

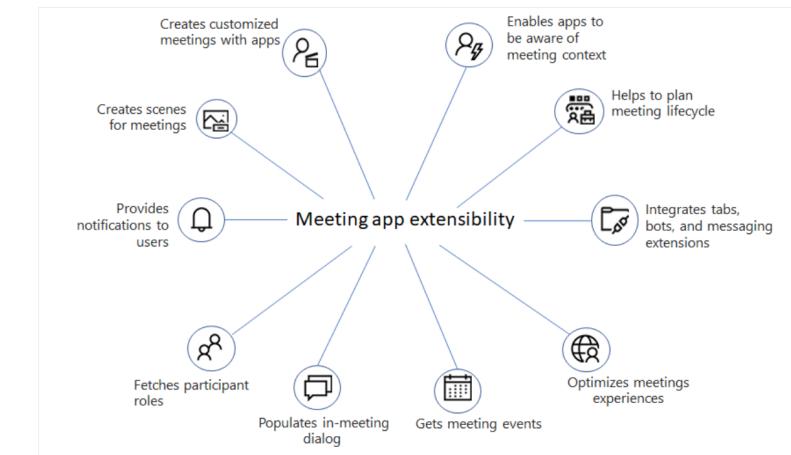
2

- > Tools and SDKs
- > Build tabs
- > Build bots
- > Build message extensions
- > **Build apps for Teams meetings and calls**
 - Overview
 - > Enable and configure apps for Teams meetings
 - > Get meeting transcripts using Graph APIs
 - > Enhanced collaboration with Live Share
 - > Custom Together Mode scenes in Teams
 - > Build webhooks and connectors
 - > Build cards and task modules
 - > Add authentication
 - > Integrate device capabilities
 - > Utilize Teams data with Microsoft Graph
 - > Extend your app across Microsoft 365
 - > Test your app
 - > Distribute your app
 - > Monetize your app
 - > App manifest
 - > Integrate with Teams
 - > Resources
 - > Support and feedback
 - > [SDK reference](#)

Apps for Teams meetings and calls

Article • 10/18/2022 • 4 minutes to read • 21 contributors

Meetings enable collaboration, partnership, informed communication, and shared feedback. The meeting space can deliver a user experience for each stage of the meeting lifecycle. The following illustration gives you an idea of the meeting app extensibility features:



You must be familiar with the following product concepts to create custom meeting experiences with apps in Microsoft Teams.

Docs:

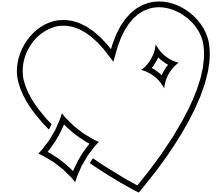
<http://aka.ms/TeamsDevDocs> > [Build apps for Teams meetings and calls](#)



Optional picture time!

Video on and we'll grab a Together Mode pic with those who are willing to do this.

We are together on this as a community!



Let's all be like Seb



By enabling your camera for the picture, you grant us permission to share your picture in social media.

A photograph showing three people in an office environment. A woman in a light grey sweatshirt and beige pants is pointing towards a whiteboard with her right hand. A man in a black t-shirt and blue jeans stands to her left, looking at the board. Another person, partially visible behind her, is also looking at the board. The background shows office cubicles and a wooden conference table.

DEMO

- **Introduction to Microsoft Graph Search API**
– Njeri Grevious
- **Build your first Command bot in C# for Microsoft Teams with Teams Toolkit for Visual Studio**
– Ayça Baş

Ayça Baş,

- 💻 Senior Cloud Advocate at Microsoft
- 📍 Based in Dubai
- ❤️ Love building solutions with Microsoft Graph, Teams, Azure
- 🔗 Connect with the communities on Twitter(@aycabs) and LinkedIn



Agenda

1. Teams Toolkit for Visual Studio
2. Create your first command bot
3. Running the bot on Microsoft Teams
4. Deep dive in code!
5. How to implement new commands?
6. Resources



Teams Toolkit for Visual Studio

Let's get started!

Resources

- [Teams Toolkit Overview](#)
- [Install Teams Toolkit](#)
- [Create a new Teams app in Visual Studio](#)
- [FAQ for Teams Toolkit](#)



Thank you

Recording will be available in 24 hours on
Microsoft 365 Community (PnP) YouTube channel
<https://aka.ms/m365/videos>
(subscribe today)

Follow us on Twitter
[@Microsoft365Dev](https://twitter.com/Microsoft365Dev) | [@M365PnP](https://twitter.com/M365PnP)

Next Microsoft 365 Platform call: **October 25th at 08:00 am PT**
All available community calls from <https://aka.ms/m365/calls>

