Microsoft

Microsoft Teams and Related Productivity Services in Microsoft 365 for IT Architects

Microsoft Teams and related productivity services

Microsoft 365 provides a suite of productivity services that work together to provide collaboration experiences with data governance, security, and compliance capabilities.

This series of topics provides a view into the logical architecture of productivity services for enterprise architects, leading with Microsoft Teams.

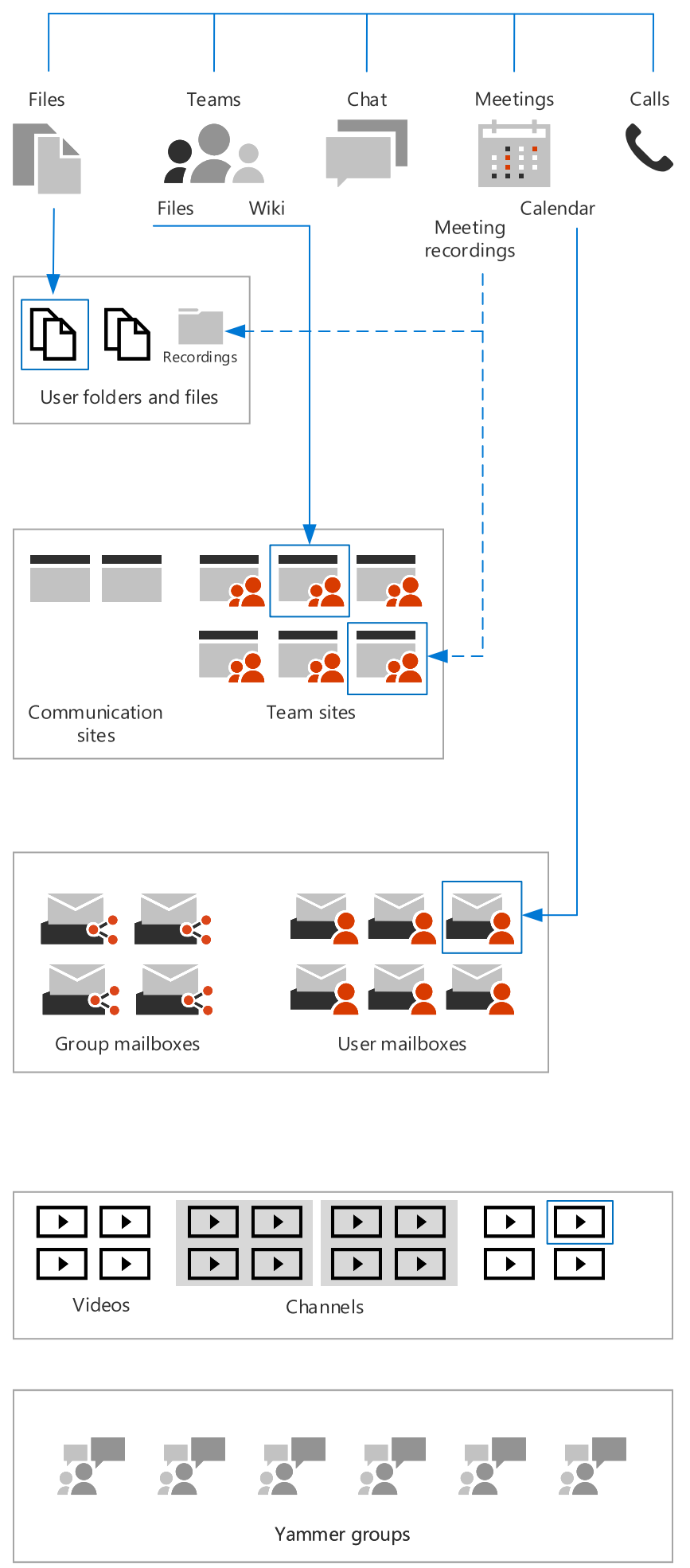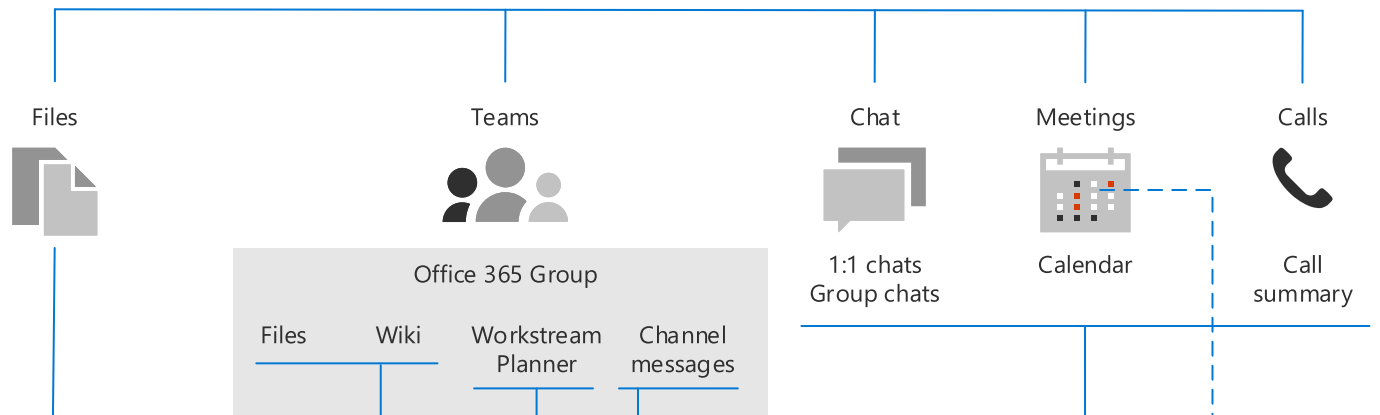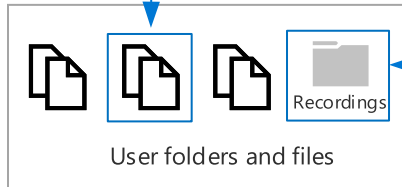| Tool	Great for . . .
Microsoft Teams A client interface on top of other services that provides agile, real-time communication and collaboration for teams. With Microsoft Teams connectors, you can integrate with third-party apps, bots, and add new tabs.	Project-oriented teams to have a conversation, work together in files, call, and meet right where the work is happening. Teams can be public (open to anyone in your organization) or private (managed membership). Use the rich security and compliance capabilities in Microsoft 365 to govern content created through Microsoft Teams.
OneDrive for Business Individual cloud-based file storage. Users can access their OneDrive folders from many locations, including Microsoft Teams.	Storing and syncing files in the cloud and accessing them from anywhere on any device. Ideal for work in progress and sharing with specific individuals. Documents are private until you share them. Share files individually and work on Office documents with others at the same time.
SharePoint Online Create attractive, feature-rich site pages directly in SharePoint Online for teams and communication. Use the same set of security and compliance capabilities across files, whether created through Microsoft Teams or directly in SharePoint sites.	Broad communication using Communication sites and SharePoint News. Storing files in the cloud, making them accessible to a broad audience. Storing sensitive or highly classified files and applying robust permission management, secure access, and compliance capabilities.
Exchange Online & Outlook Email and calendar. Configure security and compliance for email in transit, including data loss prevention policies and classification. Adjust threat protection for spam, malware, phishing, and spoofing. Configure Advanced Threat Protection and threat intelligence capabilities.	Managing time and targeted communications. Schedule and attend meetings either through Outlook or Microsoft Teams. Send protected mail. Take advantage of the most advanced and comprehensive set of protection and compliance capabilities for mail and attachments.
Microsoft Stream The intelligent video service in Office 365.	Create, securely share, and interact with video, whether in a team or across your organization. Host live events.
Yammer An enterprise social network service. Setup your Yammer network for internal communication. Create an external Yammer network to collaborate with people outside your company. Integrate Yammer with other apps, such as Dynamics CRM and Salesforce.com.	Share ideas, ask questions, and have discussions with broad communities within and across organizational disciplines. For people who do not work together regularly, but who share common roles, interests, or goals within an across organizations, Yammer is an ideal tool to openly share information, find expertise, and ideate across the organization. Invite customers, suppliers, or partners to join your external Yammer network.

Files   Teams   Chat   Meetings   Calls

Files   Wiki   Calendar

Meeting recordings

Recordings

User folders and files

Communication sites   Team sites

Group mailboxes   User mailboxes

Videos   Channels

Yammer groups

Logical architecture for Microsoft Teams and related services

Microsoft Teams client

Files

Teams

Chat

Meetings

Calls

Office 365 Group

Files   Wiki   Workstream Planner   Channel messages

1:1 chats
Group chats

Calendar
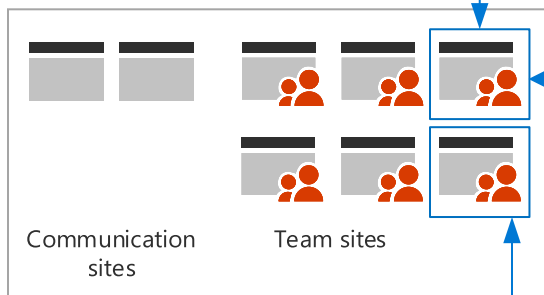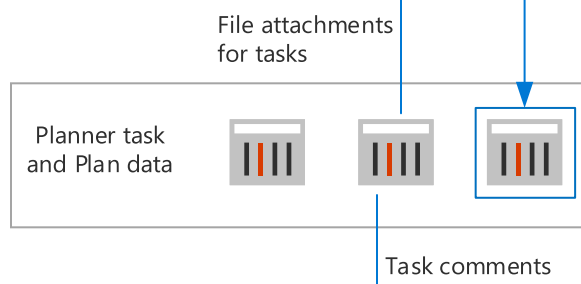
Call summary

OneDrive for Business

Recordings

User folders and files

Non-channel meeting recordings (stored in the OneDrive folder of the person who recorded the meeting)
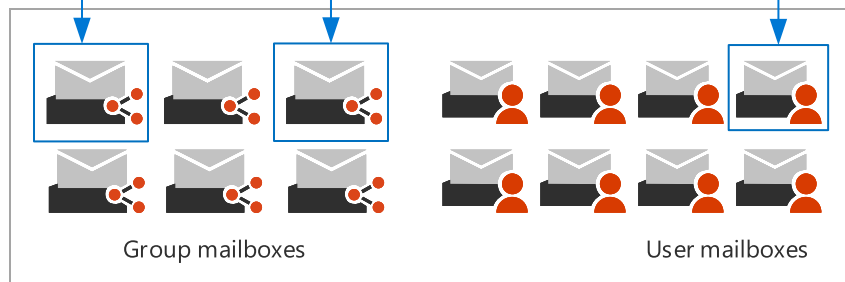
SharePoint Online

Communication sites

Team sites

Channel meeting recordings

File attachments for tasks

Microsoft Planner

Planner task and Plan data

Task comments

Exchange Online

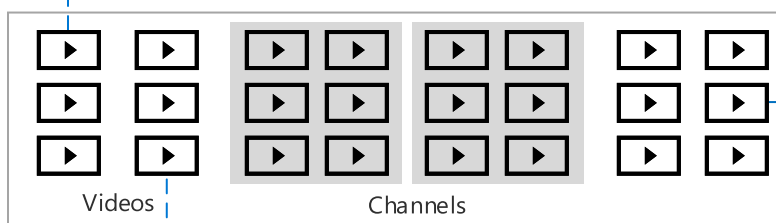Group mailboxes

User mailboxes

Share to SharePoint sites and Teams

Add the Microsoft Stream web part into SharePoint Online to embed channels or videos

Share by email

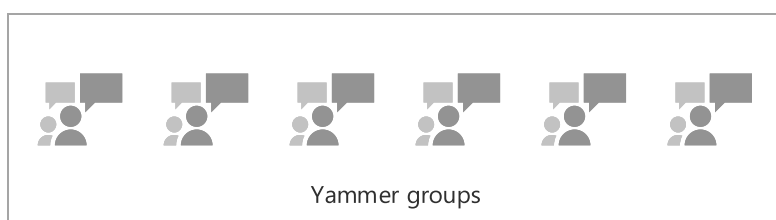**Microsoft Stream**

Videos

Channels

Meeting recordings

Share to Yammer groups

Yammer

Yammer groups

Office 365 connected Yammer groups include a SharePoint Online team site and document library, a OneNote notebook, a plan in Planner, and the ability to edit group membership from various apps, including Azure Active Directory.

Microsoft

Microsoft Teams service dependencies

Your organization might want to get started with Microsoft Teams as a first workload, or add it to an existing Office 365 tenant.

What IT architects need to know

Getting started with Teams before other dependent services

You don't need to enable dependent services to get started with Microsoft Teams. These will all 'just work.' However, you do need to be prepared to manage the following:

- Office 365 groups
- SharePoint team sites
- OneDrive for Business
- Mailboxes
- Stream videos and Planner plans (if these services are enabled)

Configuring conditional access rules in Azure AD

Be sure to include dependent services in the scope of conditional access rules:

- Microsoft Teams
- SharePoint Online and OneDrive for Business
- Exchange Online
- Skype for Business Online
- Microsoft Stream (meeting recordings)
- Microsoft Planner (Planner tasks and plan data)

For more information, see What are service dependencies in Azure Active Directory conditional access?

Microsoft Teams (not Skype hybrid)

Teams client

Chat
1:1 chats
Group chats

Chat service

Teams
Office 365 Group
Channel messages
Wiki
Files

Meetings

Calls

Files

Dependent services

Exchange Online
User mailboxes
Group mailbox

SharePoint Online and OneDrive for Business
SharePoint team site

Skype
NGC Skype Calling/Meeting services

User mailboxes
- Call summary
- Meeting summary

OneDrive for Business