



IT Administrator
Before your event

Manage service access & configuration



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Technical preparation delivers smooth events

Use our resources to ensure your event organizers and producers have successful virtual events.

- Validate network health
- Review policies for service access and configuration
- Provide a clear path for support

Utilize our core technical documentation on docs.microsoft.com or visit our [Virtual Event Forum](#) to ask your questions of our experts.

Who can use live events?

Who can create events?

Grantee from the admin

Enterprise E1, E3, E5, or Education A3, A5

Enabled Microsoft Stream license

Special requirements:

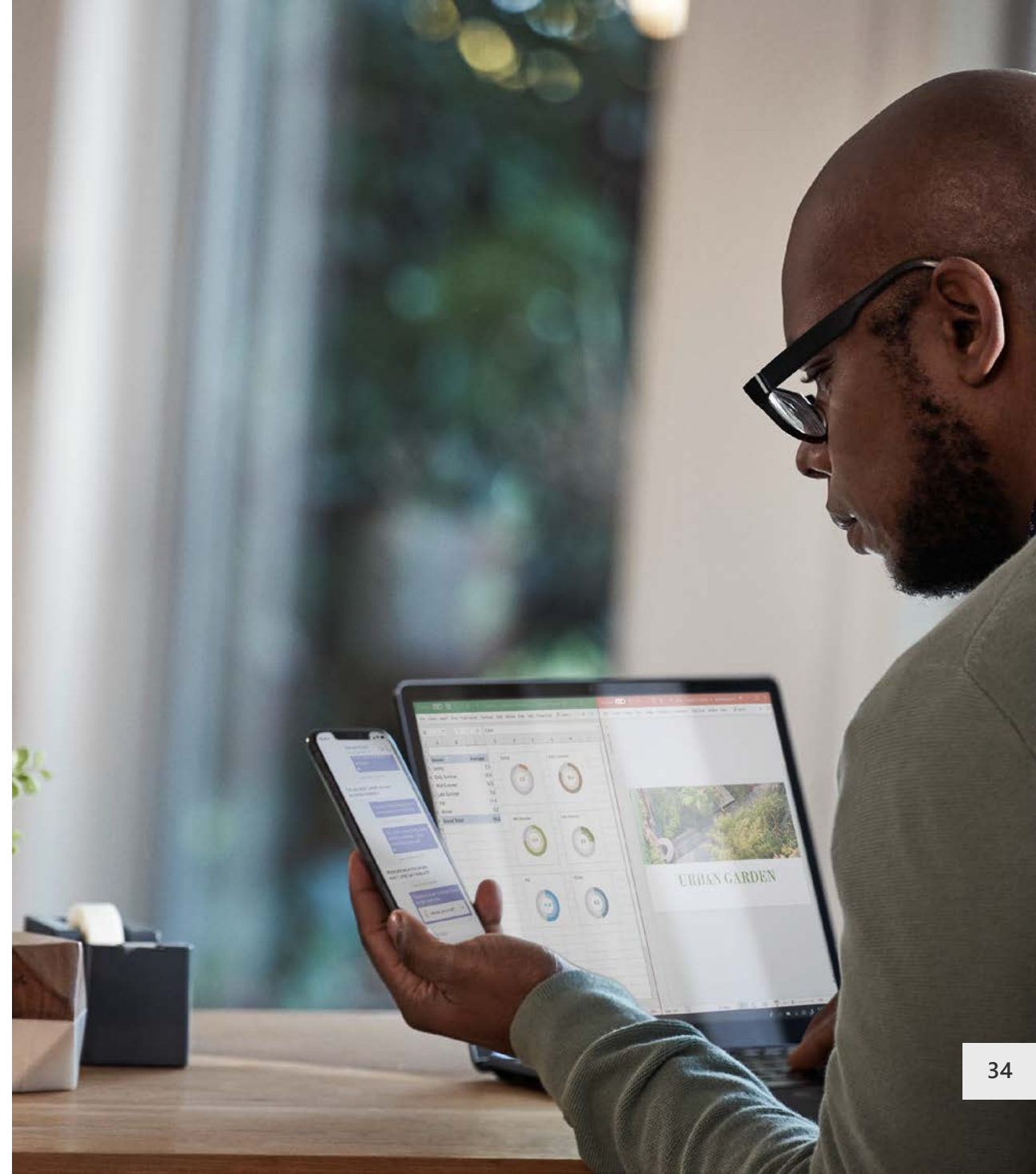
- Teams produced events require a Teams license
- Yammer event creators must be group admins

Who can watch events?

Viewers granted permissions to the event

Viewers with a valid license

Exceptions: Teams produced events can be set as externally anonymous access



Networking & bandwidth considerations

- “In Teams”

- RTP traffic sensitive to network
 - Delay can affect interaction between presenters
 - Jitter and packet loss can affect quality of audio and video
- Quality issues of presenter will affect all participants

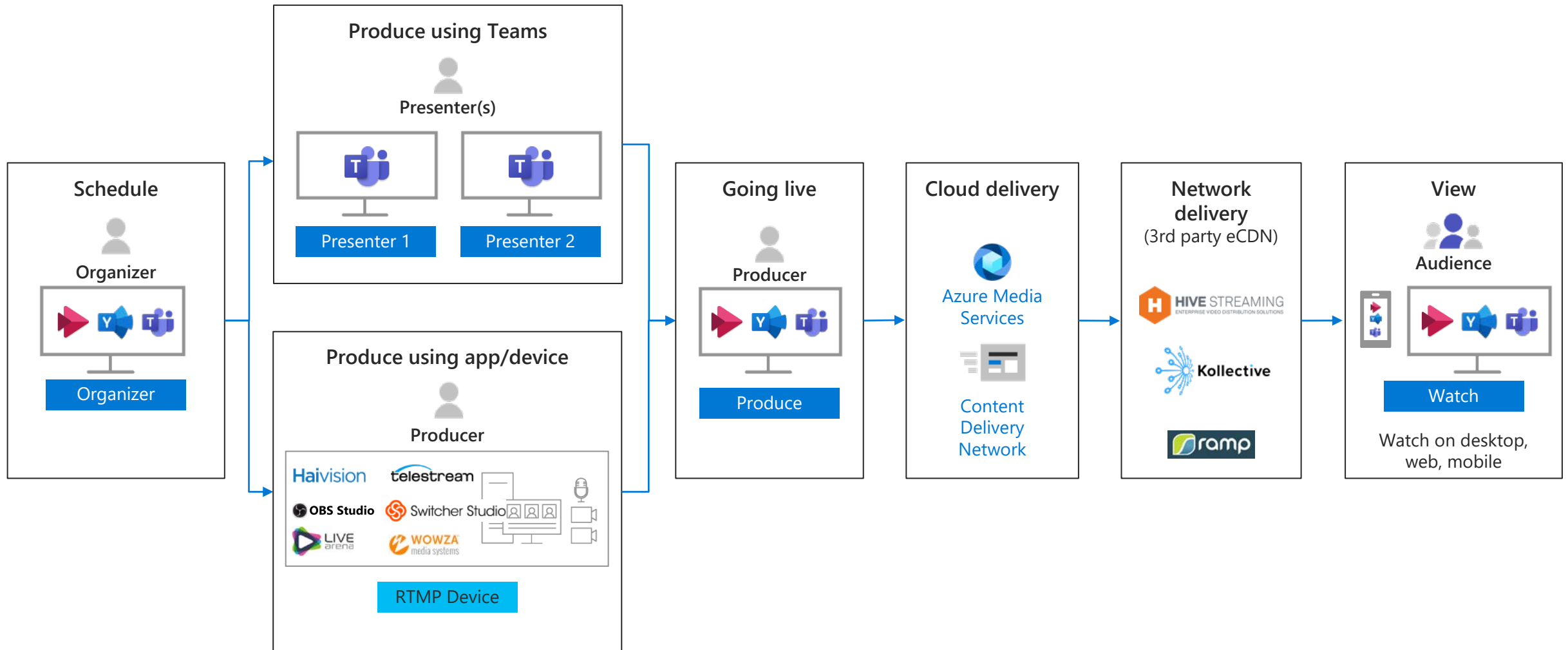
- Externally

- Quality issues of RTMP stream will affect all participants

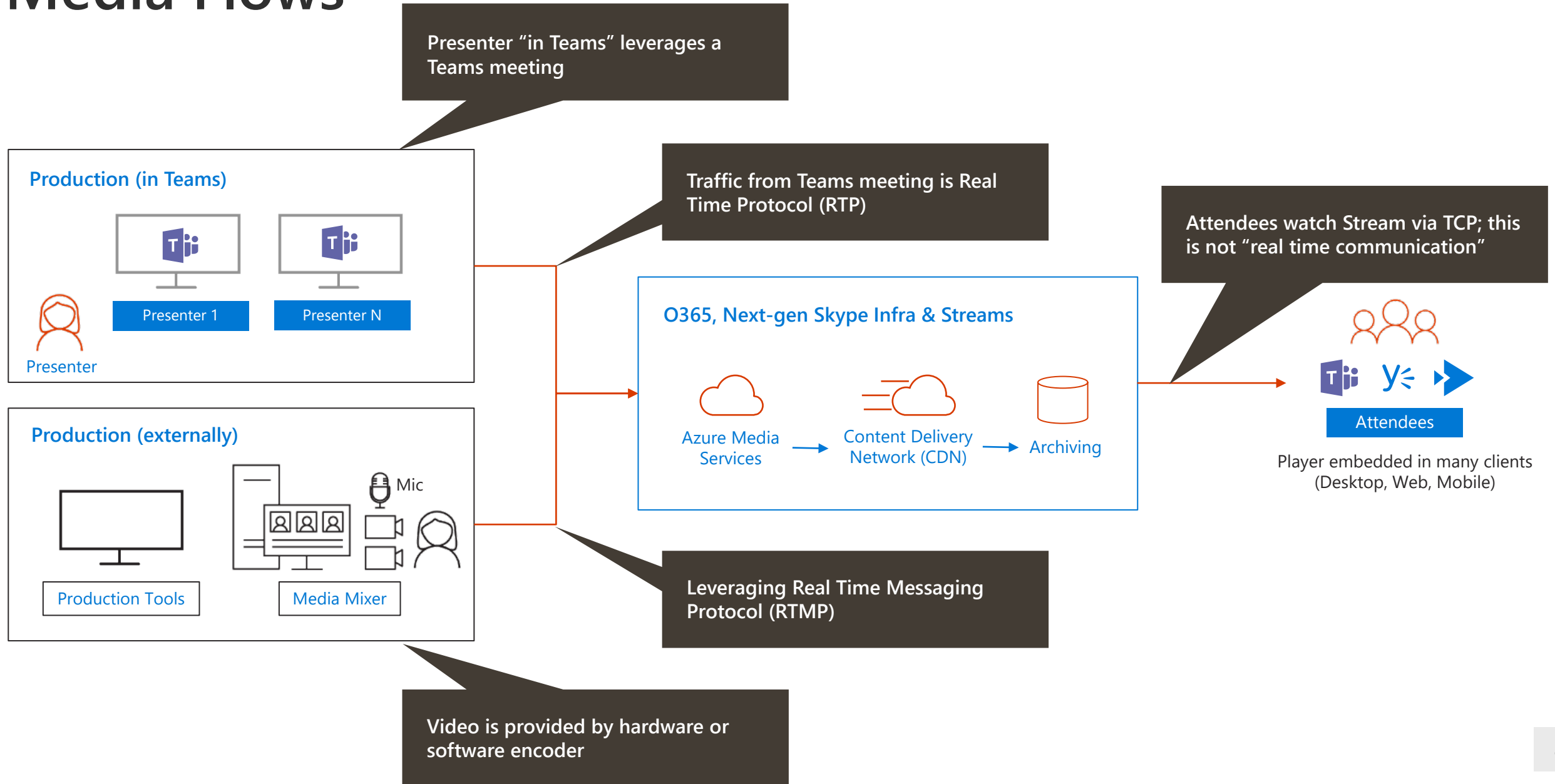
- Live event attendees

- Watching a video is not Real Time Communication and not as sensitive to networking issues
- Networking issues might lead to delay and buffering or reduced video quality
- Plan for sufficient bandwidth for multiple people to watch from the same location

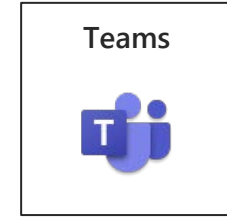
Live Events high level architecture



Media Flows



Live events policies



Why

Teams live events policies are used to manage event settings for groups of users

Considerations

You can use the default policy or create additional policies that can be assigned to users that hold live events within your organization

Does your organization have a requirement to host webinar style conferences?

Is the ability to record or transcribe a live event important to your organization?

How

Teams settings are configured via the Microsoft Teams Admin Center and PowerShell

Details: <https://aka.ms/teams-live-events>

Live event policy setup

- Control who can host Live Events and the features that are available in the events they create
- Use the default policy or create one or more custom Live Events policies
- After you create a custom policy, assign it to a user or groups of users

The screenshot shows the Microsoft Teams Admin Center interface. The top navigation bar includes 'Office 365' and 'Microsoft Teams & Skype for Business Admin Center'. The left-hand navigation pane is expanded to show 'Meetings', with 'Live events policies' selected at the bottom. The main content area displays the 'Live events policies' page, which includes a breadcrumb 'Dashboard \ Live events policies', a title 'Live events policies', and a description: 'Teams live events policies are used to manage event settings and additional policies that can be assigned to users that hold Live Events roles.' Below this is a '+ New policy' button and a table with the following content:

Name ↑	Custom
Global (Org-wide default)	No

Microsoft Teams Admin Center, Meetings, Live Events policy setup page

Live events settings

Allow scheduling

Allows users in your org to create and schedule Live Events in Teams.

Allow transcription for attendees

Enables attendees to see real-time captions and translation during the Event.

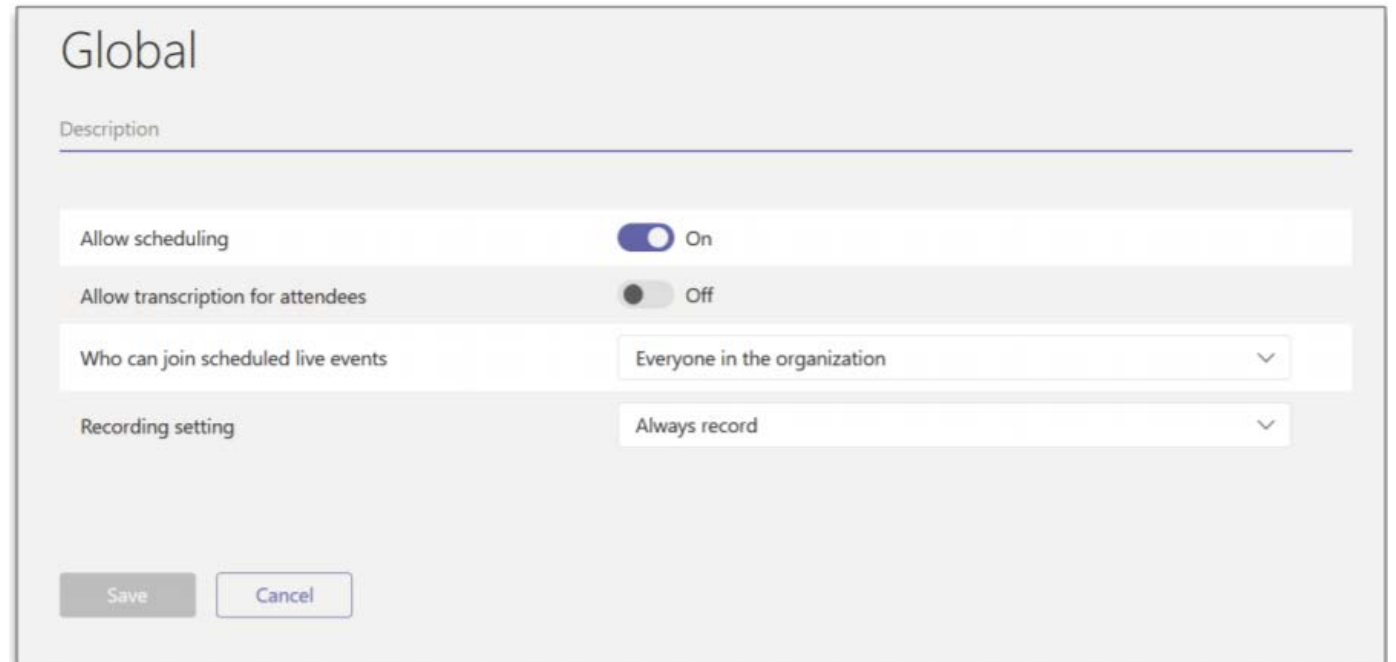
Can only be applied to quick start Events.

Who can join scheduled Live Events

Everyone – Users can create Events that employees internal and outside your org can attend.

Everyone in the org – Users can create Events that *only* people in your org can attend.

Specific users or groups – Users can create Events that *only specific users or groups* in your org can attend.



Global

Description

Allow scheduling On

Allow transcription for attendees Off

Who can join scheduled live events Everyone in the organization ▾

Recording setting Always record ▾

Save Cancel

Microsoft Teams Admin Center, Live Event policies options

Recording

Always Record – Events created by users are always recorded and can be downloaded after the Event.

Never Record – Events created are never recorded.

Organizer can record or not – Users can decide whether to record the Live Event.

```
PowerShell:  
[Get|set|new|grant]-CsTeamsMeetingBroadcastPolicy
```

Teams Live Events tenant-wide configuration

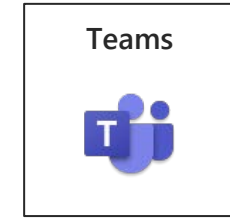
- Tenant wide configuration PowerShell only
 - [get|set]-CsTeamsMeetingBroadcastConfiguration

Attribute	Description
Support URL	Set up the support link that should be shown to Live Event attendees
Allow eCDN	Set up 'Hive' or 'Kolletive' as the eCDN provider Note: Ramp is also supported but configured out-of-band

```
Windows PowerShell
PS C:\Users\sonua> Set-CsTeamsMeetingBroadcastConfiguration -SupportURL "http://www.contoso.com/broadcasthelp"
PS C:\Users\sonua> Get-CsTeamsMeetingBroadcastConfiguration

Identity           : Global
SupportURL         : http://www.contoso.com/broadcasthelp
AllowSdnProviderForBroadcastMeeting : False
```



Other policies impacting Live Events



Users

Presenters need meeting policies that allow for screen sharing
Meeting policies should not limit the bandwidth for sharing

Considerations on leveraging Teams within virtual events:

	 TEAMS MEETING	 M365 LIVE EVENTS PRODUCED VIA TEAMS	 EXTERNAL ENCODER RTMP STREAM
Product	 TEAMS MEETING	 M365 LIVE EVENTS PRODUCED VIA TEAMS	 EXTERNAL ENCODER RTMP STREAM
Delivery platform	  	  	  
Audience	Internal External	Internal External	Internal
Access	Internal: AAD External: Unsecured URL – self managed attendee list	Internal: AAD External: Gated URL unless anonymous selected	Internal: AAD
Audience size	250	10k	10k
Run yourself (no production involvement)	Yes	Yes	No
Hardware requirements	PC/Camera	PC/Camera	Production (cameras audio, live switching) + Encoder (hardware or software)
Duration	No limit	16 hours	4 hours
Live mixing of sources/presenters in meeting Distinct roles empower producers, presenters and attendees	No	Yes	No
Captions	AI Captions only	AI Captions only (Captions not yet available in Yammer)	Human Captions only
Caption translations	No	Up to 6 languages	No
Moderated Q&A (Chat)	No	Yes	Yes
Unmoderated Q&A (Chat)	Yes	No	Yes
Verbal Q&A within platform	Yes	Yes	No
Automatic live to VOD transition	Yes *only available to internal on Stream	No	Yes
Reporting	No	Unique Viewership GEO Viewing Duration Individual aliases	Unique Viewership GEO Viewing Duration



Delivering content within the network

Client Requirements:

Live bitrate profile

720p: 3.5 Mbps

540p: 2.2 Mbps

396p: 1.4 Mbps

288p: 850 Kbps

216p: 550 Kbps

192p: 200 Kbps

eCDN solutions

Reduce network traffic crossing the company firewall

P2P or cache proxy solutions

Real-time monitoring and in-depth analytics

[Video delivery and network overview documentation](#)