

# Zoom, Zoom Desktop Video Conferencing

Ohio Distance Learning Association

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Video Conferencing then

Video Conferencing NOW!

## What is OhioDLA



## Why Zoom???



- Google and Microsoft SSO
- Video Quality
- Supports all devices including Chromebooks & iPads
- Uses your calendar to schedule conferences
- Get new users started with just a calendar invite
- Low Bandwidth and Mobile calling



## Firewall Transversal

### If needed

TCP 80, 443 \* .zoom.us

UDP 3478, 3479,  
8801 - 8810

### H.323 endpoint access to Zoom Cloud Room Connector

TCP 443, 1720, 3000-4000

UDP 3000-4000

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<https://is.gd/ISC3rU>

## Video Protocols

### H.323

Transport: UDP( for data), TCP( for H.225, H245)

Audio Codec: G.722, PCMU, PCMA, DTMF

Video Codec: H.264 Base/High Profile Max 720p with 30fps (1080p soon)

Security: H.235 with AES128

Camera Control: H.224 + H.281

Content Sharing: H.239

Content Sharing Codec: H.264 Base/High Profile, H.263( Receiving only) Max 1080p with 30 fps

Bandwidth: Audio max 64kbps; Video + Sharing: max 1856 kbps

### SIP

Transport : UDP, TCP, TLS( v1, v1.1, v1.2)

Audio Codec: G.722, PCMU, PCMA, DTMF

Video Codec: H.264 Base/High Profile Max 720p with 30fps (1080p soon)

Security: SRTP(AES128 with SHA1 32 ; AES128 with SHA1 80)

Camera Control: H.224 + H.281

Content Sharing: BFCP ( Version 1 for TCP; Version 2 for UDP)

Content Sharing Codec: H.264 Base/High Profile Max 1080p with 30fps

Bandwidth: Audio max 64kbps; Video + Sharing: max 1856 kbps

# FREE VERSION

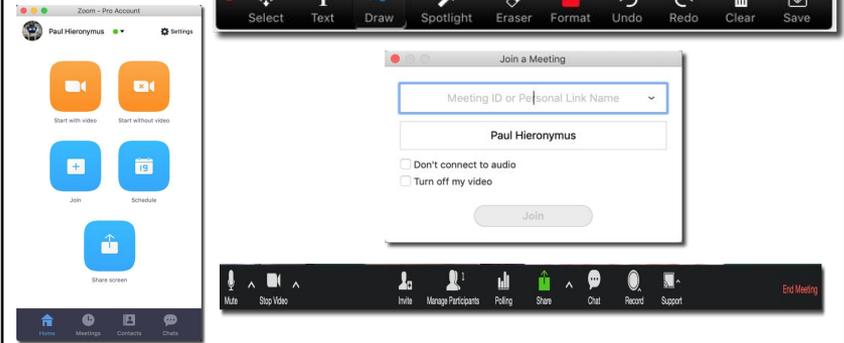
- Host meetings with up to 100 participants
- 3 or more participants join, the meeting will time out after 40 minutes
- Can join any Zoom Conference with a meeting code or link
- Recording for Download
- (Teachers)



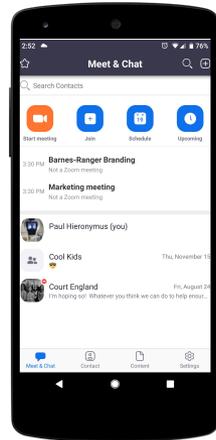
# PRO VERSION

- Host unlimited meetings on the public cloud
- Customize Personal Meeting ID
- Record to the Zoom cloud
- Utilize account add-ons such as conference room connector
  - Ability to host traditional H.323 endpoints like Polycom or Cisco video conference systems
  - Ability to connect to a MCU and dial extensions
- (Administrators)

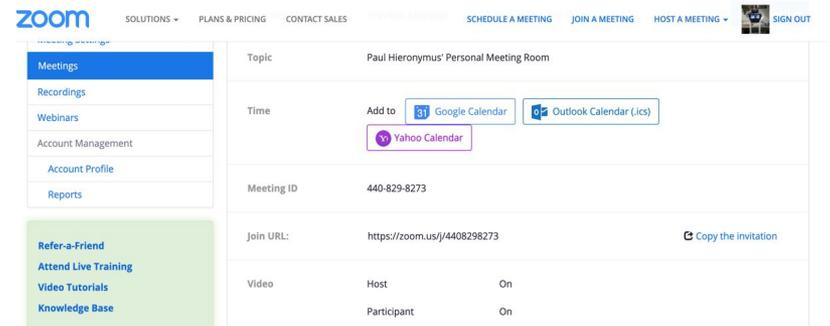
## Let's make a call



## Mobile Zoom



## Configuration and settings - www.zoom.us



## Keeping it easy!

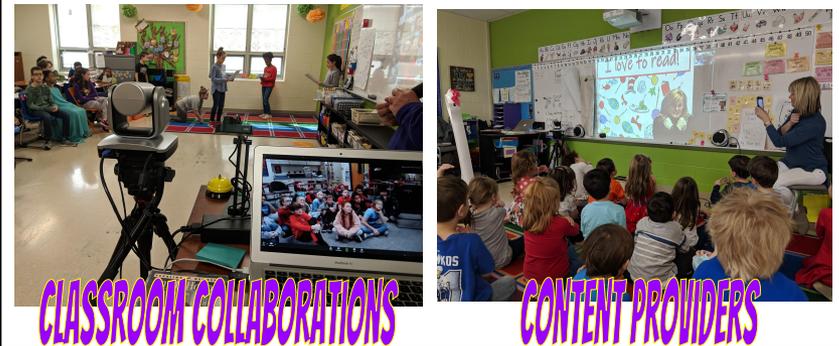


## Zoom Panels & Zoom Rooms



## Who do I connect to??

## Enhancing the curriculum



**CLASSROOM COLLABORATIONS**

**CONTENT PROVIDERS**

## Enhancing the curriculum



COMPOSERS



GRADUATES

College Visits

## Enhancing the curriculum



AUTHORS



MEETINGS



CLASSES

