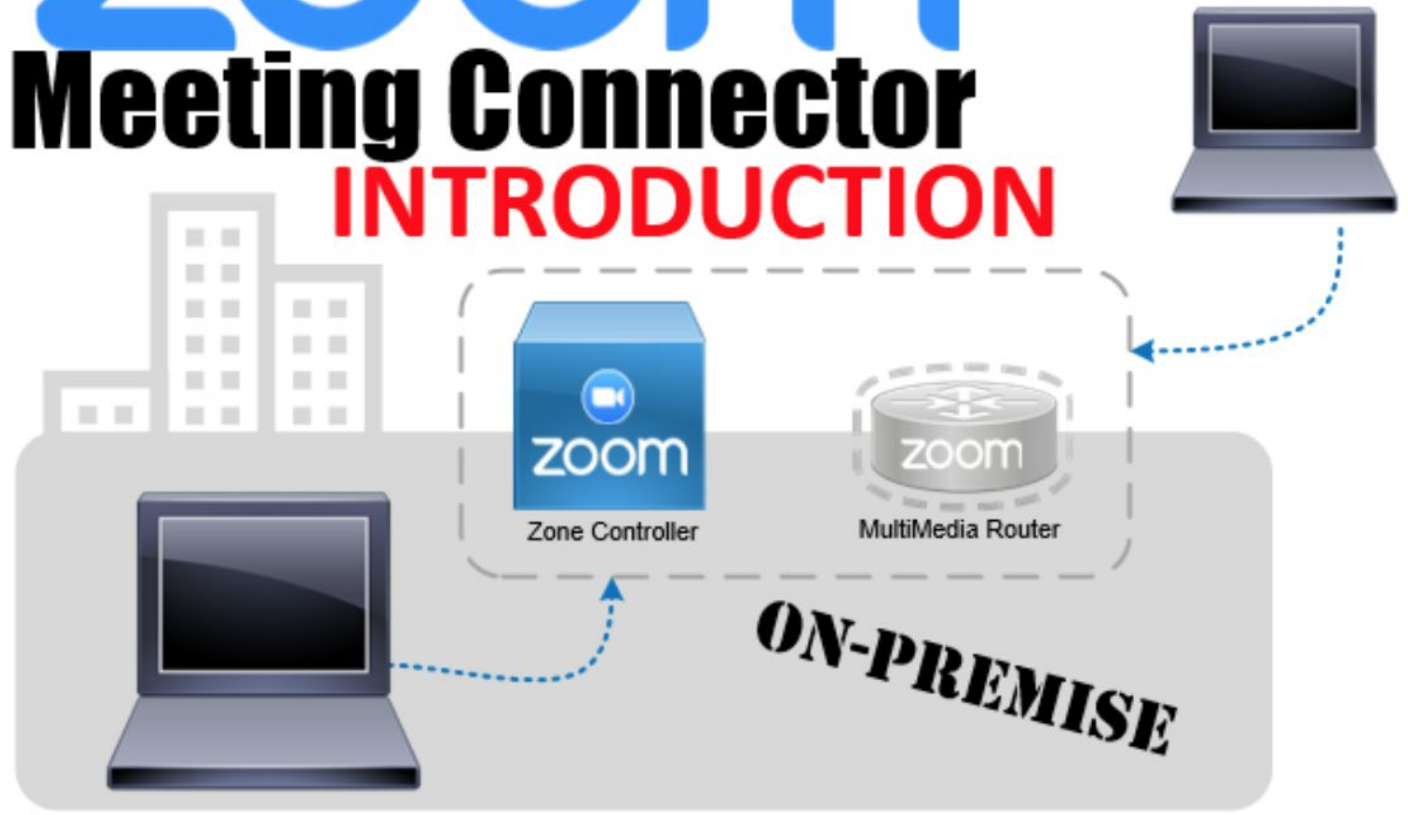


ZOOM  
ONPREMISES  
DEPLOYMENT

# zoom

## Meeting Connector

### INTRODUCTION



## On premises deployment

- With on-premises deployment, user and meeting metadata are managed in the public cloud, while the meetings are hosted in your private cloud.
- All meeting traffic, including video, voice, and data sharing, goes through the on-premise Zoom Meeting Connector.
- On-premises deployment gives organizations more control over their data and security, as well as the ability to customize the Zoom deployment to their specific needs and requirements.

## Zoom Meta Data

- Meeting ID: a unique identifier assigned to each Zoom meeting or webinar
- Meeting password: a security code required to join the meeting or webinar
- Meeting topic: a brief description of the purpose or agenda of the meeting
- Host name and email address: the name and contact information of the person hosting the meeting or webinar
- Participant name and email address: the name and contact information of each participant who joins the meeting or webinar
- Device type and IP address: information about the device and network connection used by each participant
- Location data: geographic information about the location of each participant, based on their IP address

**MMR**-The multimedia routers are responsible for handling the audio, video, and content sharing traffic for Zoom meetings.

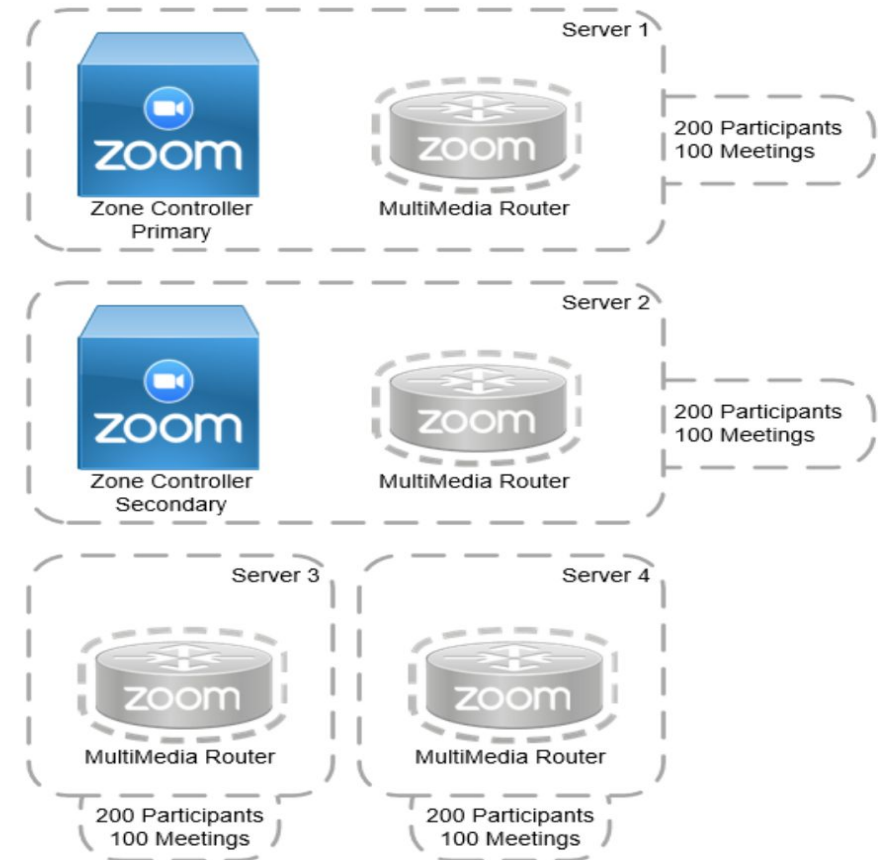
- ❖ **ZC**-serves as a central management point for a specific geographic region
- ❖ distribute the load of the Zoom infrastructure by allowing the creation of multiple regions
- ❖ reducing latency and improving the overall quality of the Zoom experience.
- ❖ the zone controller also provides a centralized management interface for administrators to monitor and troubleshoot their Zoom deployment.
- ❖ delivering high-quality video conferencing

**1) In the Zone Controller (ZC) VM, two server processes run:**

- ZC, stands for Zone Controller
- MMR, stands for Multimedia Router

**2) In the MMR VM, one server process runs:**

- MMR, stands for Multimedia Router



In one ZC, you can deploy up to 200 MMR

## Simple Deployment:

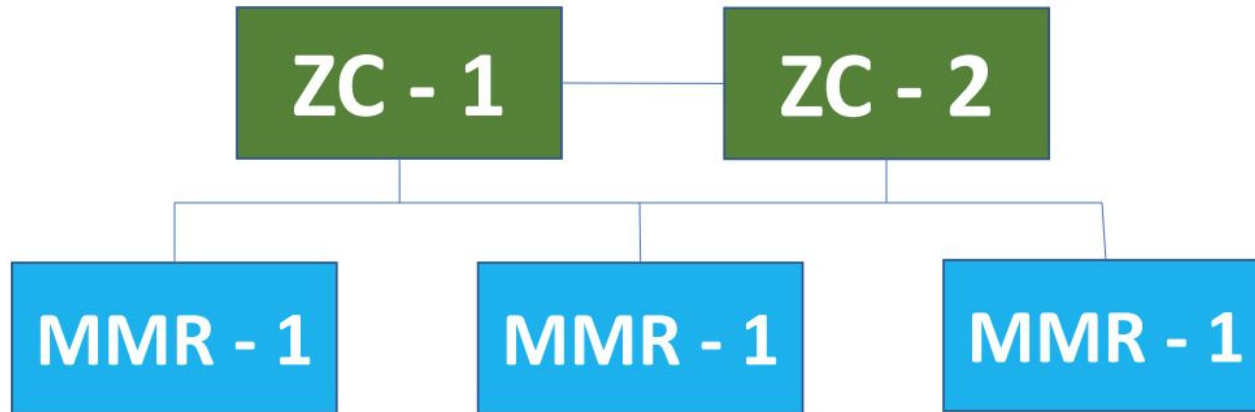
- Just One Zone Controller - 200 concurrent participants and up to 100 meetings
- ❖ For High Availability you have to deploy Second Zone Controller
- 400 concurrent participants and up to 200 meetings
- ❖ For more participants > Install MMR
- ❖ Each MMR support around 200 video participants

## How Many ZC and MMR Do I Need?

Ans: It depends number of concurrent meetings and participants in peak hour.

For Example, in peak hour you have 20 classes with 50 participants,

Total participants =  $20 * 50 = 1000$



ZC-1 = 200 Participants

ZC-2 = 200 Participants

MMR-1 = 200 Participants

MMR-2 = 200 Participants

MMR-3 = 200 Participants

## Question?

A company has 500 employees, and their typical office meeting size ranges from 5 to 20 participants. How many MMR(minimum) plans would they need to ensure that all their employees can have meetings without any restrictions on the number of participants?

They already have 2 ZC for high availability purposes







**THANK YOU**