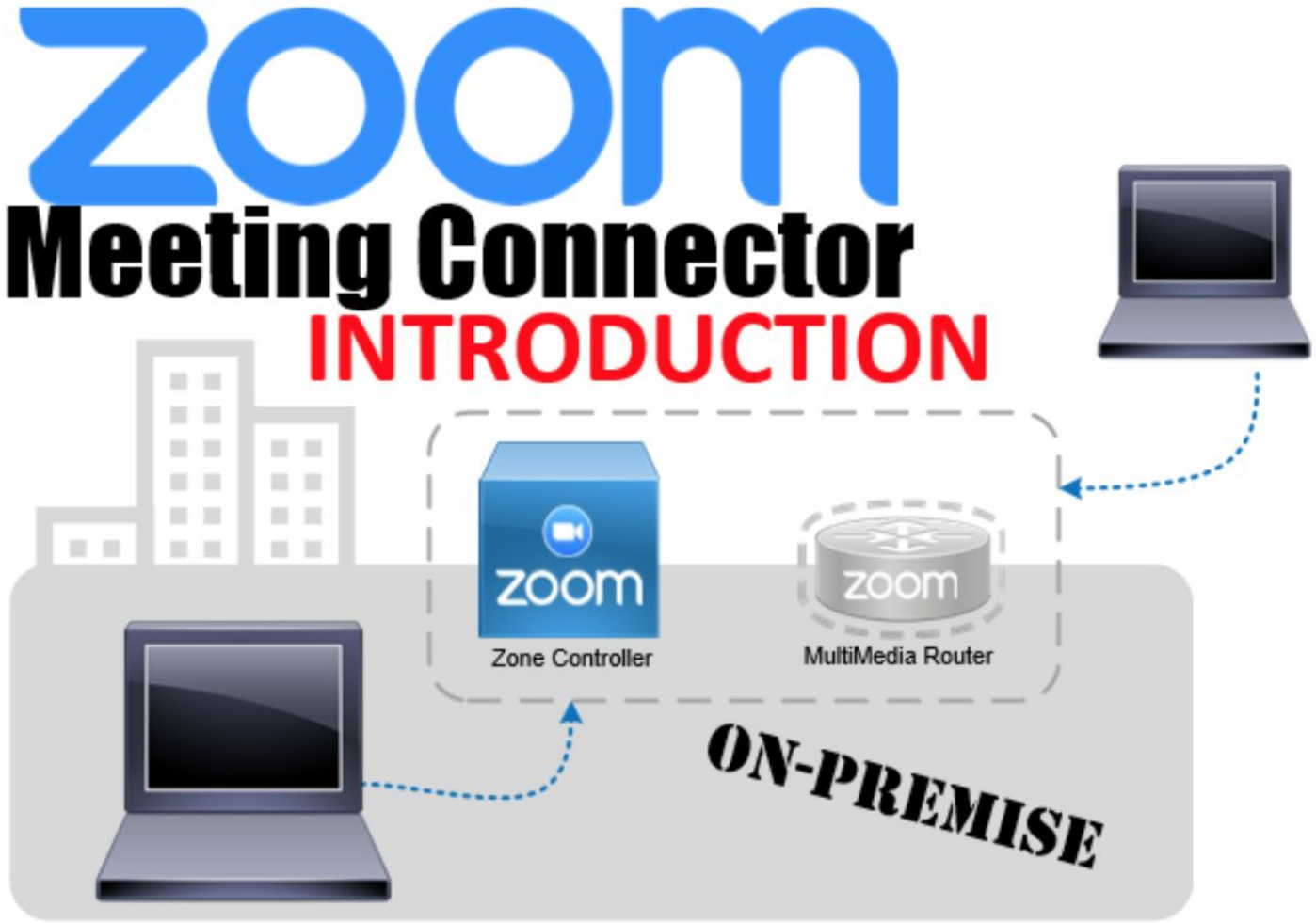
ZOOM ONPREMISES DEPLOYMENT



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.

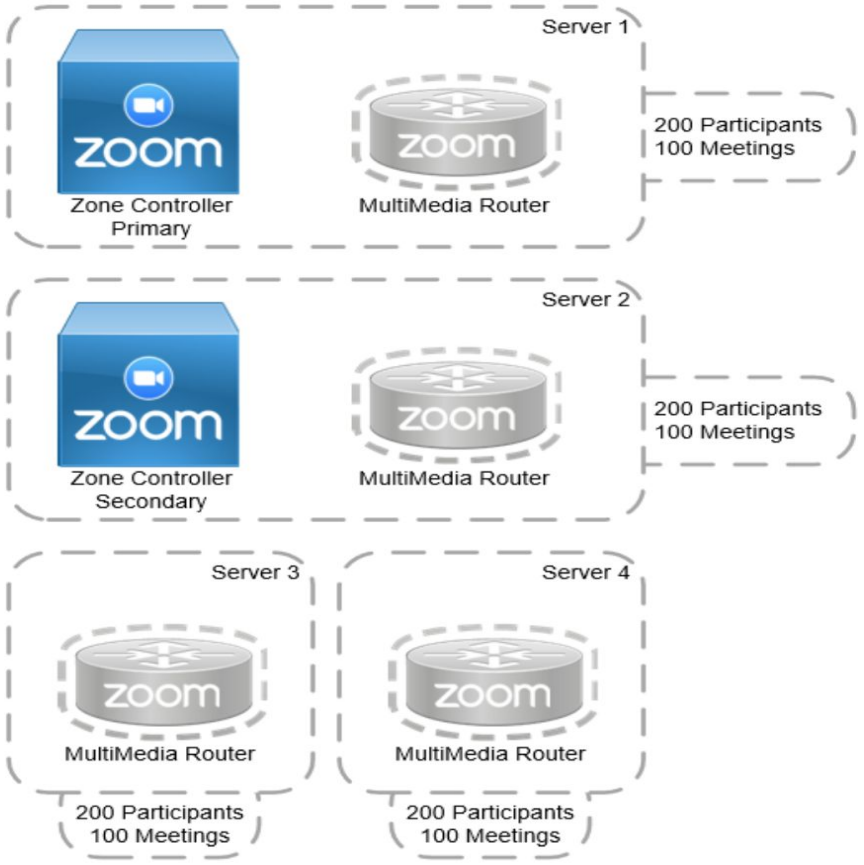
- On-premises deployment gives organizations more control over their data and security, as well as the ability to customize the Zoom deployment to their specific needs and requirements.

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

- 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

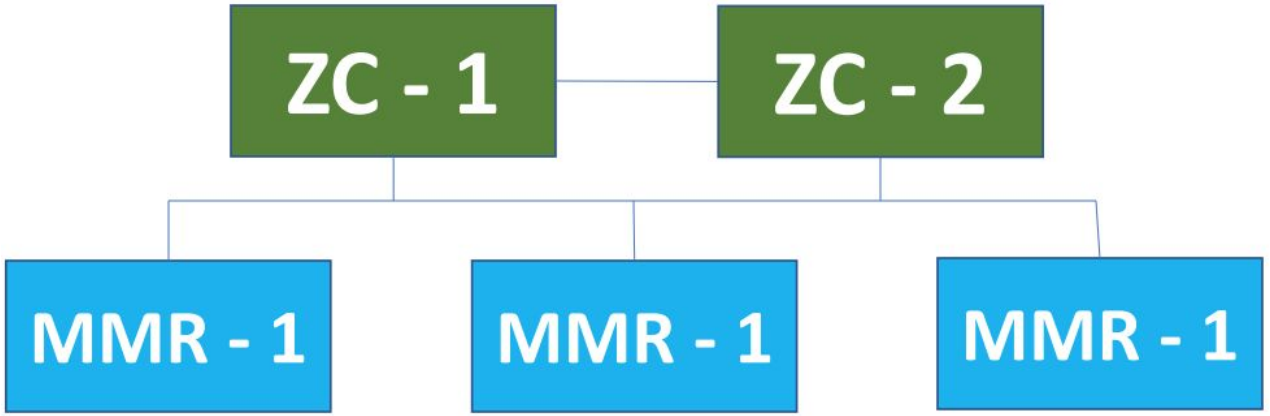
❖ Each MMR support around 200 video participants

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

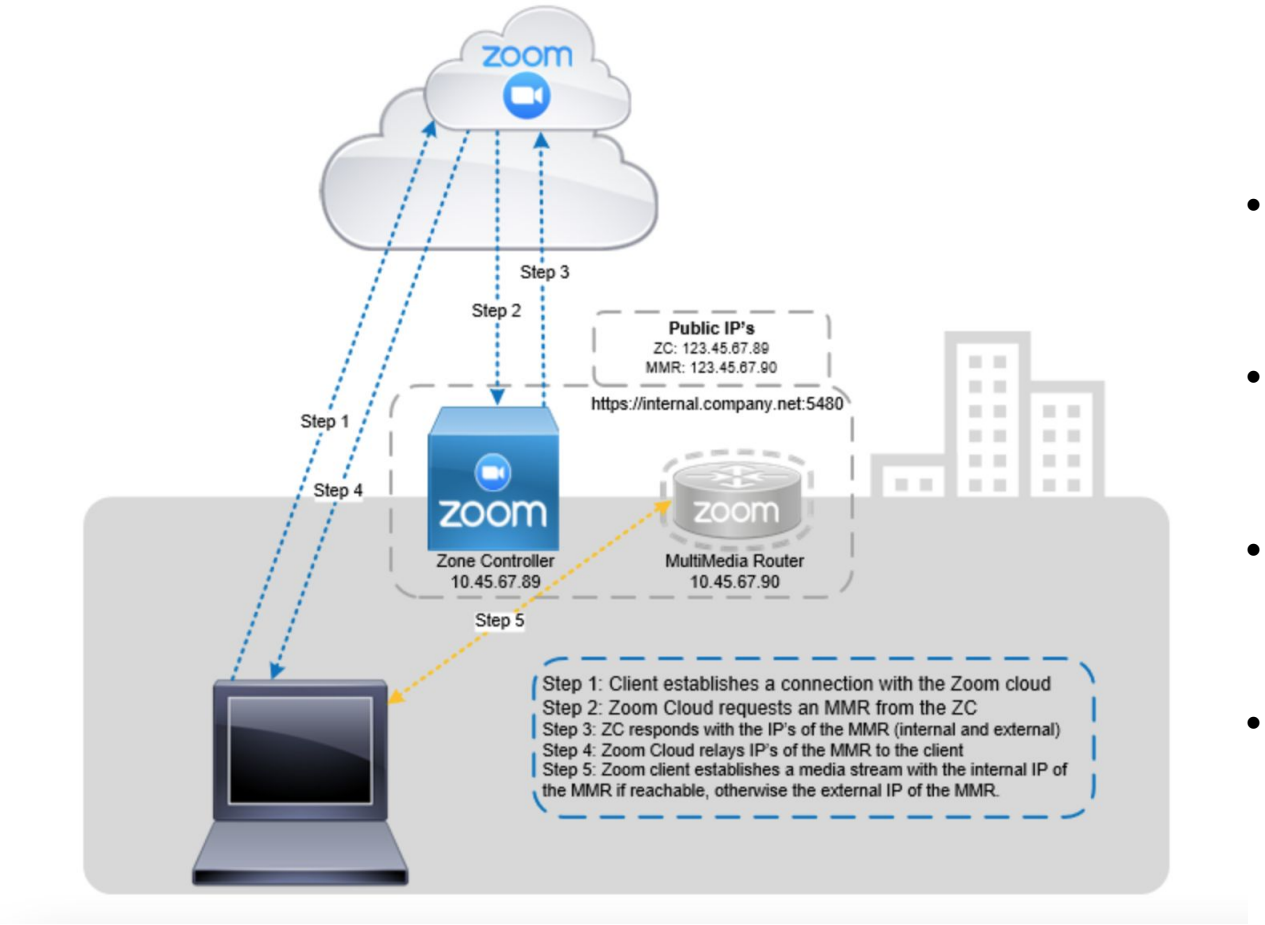
Question?

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

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



- When a meeting participant connects to a meeting on your servers, the client first contacts the Zoom cloud where all meeting meta-data is stored .
- The Zoom cloud contacts your on-premise Primary Zone Controller (ZC).
- The ZC designates a MultiMedia router (MMR) for the participant to connect.
- The ZC relays this information back to the participant's client via the Zoom Cloud.
- The participant's client can connect to the MMR directly if on the network or via the external IP address if outside of your network.

THANK YOU