zoom

Evolution of Zoom
Hybrid Cloud Strategy

Why Hybrid Cloud?

With the recent proliferation of the cloud-based unified communication solutions, users worldwide grew accustomed to their rich functionality, efficiency and simplicity. Indeed, they deliver on many organization's needs while minimizing costly investments in on-premises infrastructure.

However, cloud-only solutions offer limited support organizations' requirements in the areas of network security, bandwidth utilization, compliance and privacy spurred by evolving data residency and sovereignty policy changes.

These needs are now giving rise to hybrid cloud solutions, which can play a key role in addressing these demands by combining the best of both worlds: simplicity and reliability of the cloud and unique features of on-premise deployments.

Introducing Zoom Meetings Hybrid

Imagine two colleagues in the same office collaborating on the same Zoom meeting. Even though their desks are only a few feet apart, the unique media streams from their Zoom clients must traverse through their organization's firewall and then through the internet to servers in Zoom cloud many miles away.

To eliminate such inefficiencies, improve user experience and strengthen enterprise network edge security, Zoom is introducing a Zoom Meetings Hybrid (ZMH) solution, which will be made available as a service module on the innovative Zoom Node platform. The Zoom Meetings Hybrid module allows customers to conduct Zoom Meetings and Webinars within

their premises and solidify their network security by consolidating media traversing the network edge.

How Zoom Meetings Hybrid Works

As with any Zoom Node service module, Zoom Meetings Hybrid is installed in your data center but controlled through the Zoom Web interface. Once configured, the module will process meeting and webinar media locally but keep the cloud connection active using a technique known as cloud cascading.

Cloud cascading is controlled by the administrator and can be enabled or disabled based on specific needs of the organization. When cloud cascading is disabled, meetings and webinars media will stay on premises and will not traverse the cloud. When cloud cascading is enabled, meeting media may expand to the cloud if the organizations' data centers hit capacity limits or suffer an outage. In this case only a single link carrying consolidated media to the Zoom cloud will be created to keep the organization's network edge secured.
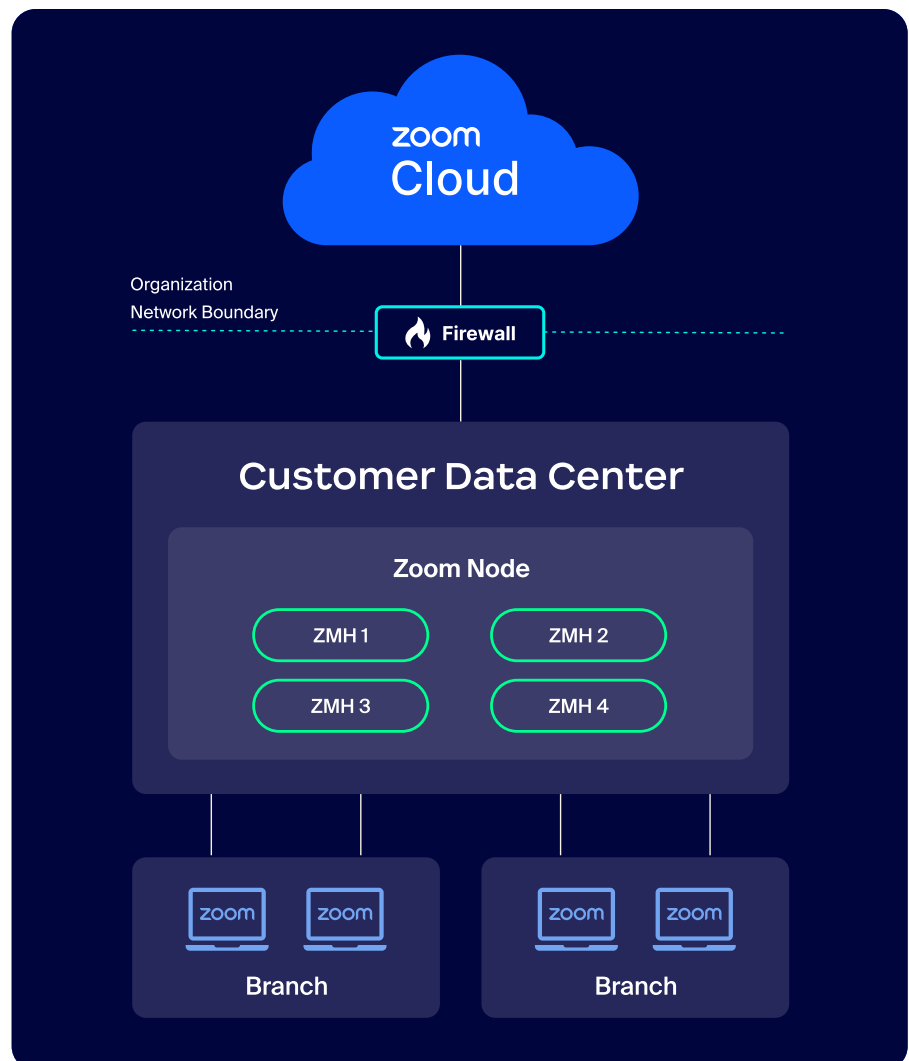
Zoom Meetings Hybrid: Secure, Effective, Manageable

Zoom Meetings Hybrid deployed on Zoom Node is an enterprise-grade solution capable of serving network environments spanning countries and continents. And yet, with all of its complexity, Zoom Meetings Hybrid can be managed effectively from the familiar Zoom Web portal where the administrator can see the status of solution components though a familiar global dashboard.

Zoom Meetings Hybrid Benefits

- **Strengthen Network edge security:** Zoom Meetings Hybrid consolidates media traversing network edge eliminating individual client streams and reducing open firewall ports

- **Facilitate Privacy and Compliance:** Zoom Meetings Hybrid allows your organization to keep meeting and webinar media on premises and reduce or eliminate public cloud traversal to help meet regional compliance obligations and privacy requirements.

- **Improve bandwidth utilization and minimize latency:** Zoom Meetings Hybrid helps keep most media on premise saving internet bandwidth and improving user experience by minimizing latency and jitter.

Managed by Zoom Node

Zoom Meetings Hybrid service module takes full advantage of the Zoom Node platform allowing for the modules' cloud-based installation and configuration, granular customization, environment-wide management through a single pane of glass and monitoring with intelligent customizable alerting and granular login.

Zoom Node platform also provides Zoom Meetings Hybrid customers with a strong security framework including advanced security certificate management, managed automatic updates and bundled OS for turn-key network appliance-style installation and management.

Learn more about Zoom Node by reaching out to your account team or visiting our website