

ABSTRACT

This project aims to compare and analyze the performance of two Open Source-based Video Conference platforms, namely Nextcloud Talk and OpenMeeting, which are implemented on Oracle Cloud Infrastructure (OCI). In today's evolving era, remote communication has become essential, and video conferencing has become a popular solution for facilitating virtual meetings. With so many platform options available, comparing performance and features between these solution is essential in helping organizations and individuals choose the platform that best suits their needs.

In this project, we installed and configured Nextcloud Talk and OpenMeeting on Oracle Cloud Infrastructure (OCI). Next, we conducted trials using these two platforms for video and audio, system response time, and user capacity that can be handled, collected and analyzed in depth

The result of this research test concluded that Nextcloud video confefenring is better than OpenMeeting both in terms of QoS and MoS.

Keywords: *Video conference, Oralce cloud infrastructure(OCI), Quality of services(Qos), open-source.*