

## ABSTRACT

---

*Technological developments evolve over time running that cause some convenience in terms of communication, population growth also affect the performance of communication, to increase the ability of better communication. there are a few things to do.*

*Things to do is to create a network of VoIP (Voice Over Internet Protocol) makes communication easier, stable and cheap, compared with rates of communications providers are quite expensive and sometimes experience many weather disruptions.*

*Voip Network requires a Server that is used as a path of sending and receiving data in the form of sound. The server used in the form of 4 Raspberry Pi Cluster. Implementation testing Voip with Raspberry Cluster pi produces faster data processing.*

*Keywords: Voip (Voice Over Internet Protocol), Communication, Raspberry Pi, Clustering, Server*