A Survey Paper on Voice over Internet Protocol (VOIP)

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Abstract

Voice over Internet protocol (VoIP), which is a communication protocol existing over a network. The IP network can makes it possible for users to make telephone calls using the VoIP technology. Use of VoIP and Internet telephony has increased significantly in the recent years. These new phone services are based on the transmission of voice over packet switched IP networks. VoIP can be realized on any data network that uses IP, like the Internet, Intranets and Local Area Networks (LAN). VoIP customers use their Internet connection to connect to the Internet as well as to make phone calls. VoIP is the real-time transfer of voice signals using the Internet Protocol (IP) over the Internet or a private network. In simpler terms, your voice is converted to digital signal by VoIP that travels over the internet. The key factors that entice enterprises to switch to VoIP are its flexibility and cost efficiency. Some security problems may arise due to the widespread deployment of VoIP. Voice over IP (VoIP) has the potential to provide interactive communication services like video and voice conferencing. VoIP helps to transfer data which are difficult to transfer over circuit-switched wired and wireless networks.
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Index Terms

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Keywords

Qos, Proxy, TCP, UDP, Spam, PSTN, DSL, Playout, LAN