Title:

Bitrate Modulation Based Covert Voice-over-IP Communication and Its Detection

Abstract:

With the increasing popularity of Voice-over-IP (VoIP) applications, digital steganography based on VoIP streams and its detection has become a new research topic in the field of information hiding. This report will first review the basic principles and latest progress of VoIP-based steganography and its detection. Then we will introduce the research progress of our group on bitrate modulation based covert VoIP communication and its detection.

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Research area：Network and Information Security, Cloud Computing Security, and Digital Forensics

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