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论文

基于H.323协议的VoIP语音流量识别

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摘要：

通过分析H.323协议和H.323协议的会话流程，基于H.323协议的VoIP通信过程中出现的会话特征，提取出通信双方的元组信息来识别整个会话流量，设计出相应的流存储、搜索、更新方案和识别VoIP流量的算法。实验表明，该方法能够准确识别基于H.323协议的VoIP语音流量。

关键词： H.323　会话　业务流　流量识别

Technology for identifying VoIP traffic based on H.323 protocol

Abstract:

The H.323 protocol and the session process based on H.323 were analyzed, the session signature in the communication process produced by VoIP based on H.323 was introduced, the tuples of the communicators were abstracted, and then the whole VoIP traffic was identified. The corresponding scheme for traffic store, search, update and the algorithm for VoIP traffic identification were designed. Experiment indicates that this method can accurately identify the H.323-based VoIP traffic.

Keywords: H.323　session　traffic flow　traffic identification

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