Evaluation of Security for a H.323-based VoIP Emulated Architecture

Marius HERCULEA, Virgil DOBROTĂ

Abstract

Evaluation tests were conducted on H.323 Cisco Gatekeeper, Gateways and several H.323 software clients from the security point of view. The tools involved refereed to information gathering, session and signaling hacking, traffic interception, eavesdropping, session teardown and stress-testing with malformed messages. The responses were appreciated in regards to the capabilities of the targeted systems to withstand and recover after the attacks.