

# Practical Evaluation of Security for Sip-Based Voip Applications

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## **Abstract**

*Evaluation tests were conducted on Asterisk IP-PBX and several SIP hardware and software clients from the security point of view. This involved: scanning, enumerating, fingerprinting, UDP flooding, session and application hacking, traffic interception, eavesdropping, session teardown and RTP media injection or mixing. The responses were appreciated in regards to the capabilities of the targeted systems to make/receive calls, recover after the attacks, provide debugging/error responses during the attacks, and so on.*