



CLIENT EMULATION

Live Interaction

The python libraries written by people to enable interaction with different services can be used to emulate a client. Such emulated clients can be used for information gathering, monitoring, and even attacking. In this section, we will learn how to use Python libraries to emulate a client.

What will you learn?

- Emulate IMAP/Samba client using Python libraries

References:

1. Twisted library (<https://github.com/twisted/twisted>)
2. Impacket library (<https://github.com/SecureAuthCorp/impacket>)

Labs Covered:

- [Emulating IMAP Client](#)
In this lab, you will learn to login into an IMAP server using the credentials of a user and fetch all his emails. The twisted Python library will be used for this.
- [Dictionary Attack: IMAP Server](#)
In this lab, you will learn to perform a serial dictionary (i.e. trying one password at a time) attack to figure out the correct password for a user using the twisted Python library.
- [Dictionary Attack: IMAP Server \(Parallel Attempts\)](#)
In this lab, you will learn to perform a parallel dictionary (i.e. trying multiple passwords at the same time using multiple threads) attack to figure out the correct password for a user using the twisted Python library.
- [Samba Client Emulation I](#)
In this lab, you will learn to interact with a Samba server using Impacket Python library.
- [Samba Client Emulation II](#)
In this lab, you will learn to interact with a Samba server using Impacket Python library. This is a practice lab.



Emulating IMAP Client

⚡ Start



Dictionary Attack: IMAP Server

⚡ Start