

欺瞞を用いた能動的サイバー攻撃防御手法の提案と実装

A proposal and implementation of deception-based active cyber defense method

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Abstract: It has been difficult to prevent all of the increasingly targeted attacks known as advanced persistent threat called APT, so that we must assume that the attacker has been already inside our information system. The aim of this study is to establish a basis for deceptive approaches to APT to fail cyber attacks when targeted and to avoid being targeted. In this thesis, we model them, propose and implement deceptive methods in the reconnaissance stage including after intrusion into the organization network, evaluate its performance and show its effectiveness.

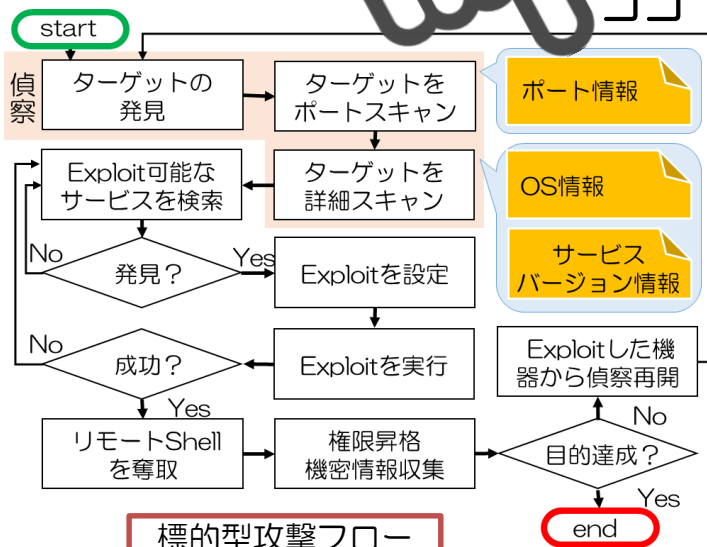
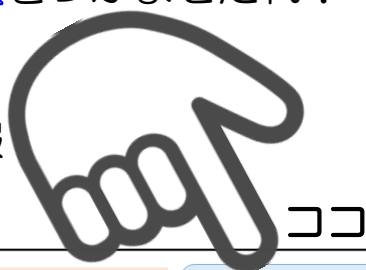
1. 背景と目的

標的型攻撃ヤバい！
でも防げん。。。せやっ！
嫌がらせしたろ(・ω・´)

2. 提案

ニセの**偵察情報**をつかませたれ！

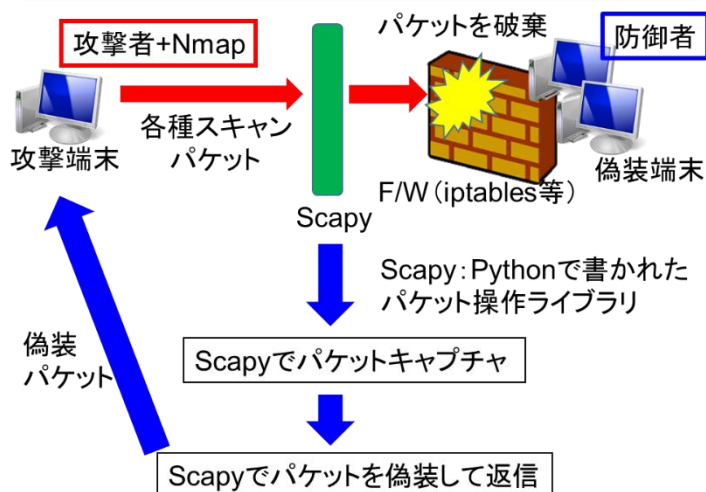
- ・ポート情報
- ・OS情報
- ・サービス情報



標的型攻撃フロー

一番有名な偵察ツールは**Nmap**やから、とりあえずお前からな！

3. 実装概要



4. 結果



5. 評価

早い！

安い！

旨い！

遅延小さいよ！

Pythonはタダ！

簡単に**嫌がらせ**できる！

(成果物がタダとは言っていない)

