Software Engineering Group Project

Documentation

Targets/Plans: Interactive terminal based Command and control Bot-net coded in c targeting Linux operating system. Infrastructure includes master and slave function. Bot can have functionality to create persistence, and receive remote command execution from the master.

Functional Requirements of the project

* Having ability to execute shell/bash command on slave from master.
* Able to observe output of the executed programs by the slave from master.
* \*Slave should be persistence through out reboot of the device.
* Network should have measures to evade fire wall detections.
* The network traffic between master and slave should be secure(be more specific) and able to pass through fire wall.
* The user should be able to close the master program and reload the configuration at any time.
* Master node that controls all other nodes on the network.
* Text based interface.

Concerns/Problems

* Windows/Linux? Linux, because it can avoid potential complexities.
* Requirements? User requirement/System requirement
* Task allocations? Allocate a category of tasks to each person of the team initially.. decided to set milestone
* Complexities of the project?
* Sequence diagram?

Requirement document structure

Preface

Introduction

Glossary

User requirement definition

System architecture

System requirement specification

System models

System evolution

Appendices

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