UNIVERSITY of BRADFORD

Faculty of Engineering and Informatics
Department of Computer Science

README FILE

FOR

NETWORK SECURITY WITH HONEYPOTS LOGFILE ANALYSIS

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Implementation Guide

This document acts as a reference for the video files attached to support my Dissertation report submission. The folder contains details of the recordings made during the implementation of the T-Pot honeypot deployment. The uploaded folder contains five videos with description provided below:

1. **Provisioning a VM instance in Google Cloud Platform (GCP)**: This contains the live steps on how a Virtual machine (VM) was provisioned in GCP.

2. **T-Pot installation Part 1:** This contains the video recording of how the T-Pot honeypot system was installed.

3. **T-Pot installation Part 2:** This continues the video recording of how the T-Pot honeypot system was installed.

4. **Firewall rule update:** This is the video that contains the update made to the firewall rule, which ensures that the administrator can access the T-Pot on ports 64295 and 64297.

5. **T-Pot dashboard:** This video shows the steps on how to access the T-Pot dashboard, after the honeypot status has been confirmed. The administrator uses the information provided on the Kibana dashboard for further analysis.