Singapore University of Technology and Design (SUTD)

TWOS (The Wolf of SUTD) Dataset Release Agreement

Data Sources: keystrokes, mouse, host monitor, network traffic, SMTP logs, and logon

1 Introduction

The TWOS dataset has been collected from real user interaction with the host machine that contains both legitimate user data and malicious insider instances (masqueraders and traitors). The dataset was collected during the competition organized by Singapore University of Technology and Design in March 2017, and comprises of data collected from 6 data sources (keystrokes, mouse, host monitor, network traffic, SMTP logs, and logon) with additional data from psychological personality questionnaire.

The dataset contains activity of 24 users that were collected over a period of 5 days. It includes 12 masquerader instances, each 90 minutes long and 5 possible traitor instances, each 120 minutes long.

2 Release of the database

Dataset records are made available to researchers, only after the receipt of a completed and signed dataset release agreement. We evaluate all the request on a case-by-case basis and reserve the right to refusal. Dataset records are released via an Internet site, CD or other media (the preferred way being Internet download). By signing this agreement, the requester agrees to comply with the restrictions listed below. In addition, it is the responsibility of the individual executing this agreement that the data being provided be handled and used pursuant to the rules and regulations of their institution's IRB. Any failure to conform to these restrictions results in a denied access to the Dataset.

3 Terms and Conditions

1. ***Requests for the dataset:*** All requests for the dataset are submitted to the email address: [corplab-project3@sutd.edu.sg]

2. ***Redistribution of the dataset:*** Without prior approval from Principal Investigator, the entire or part of the dataset will not be further distributed, published, copied or disseminated in any way or form, either for profit or not. This refers also to further distribution of the dataset records to any other facility or organizational unit, other than the one mentioned in the request.

3. ***Publication Requirements:*** No instances/features of the dataset records will be published or released in reports, papers and other documents until an approval is obtained from the Principal investigator.

4. ***Citation:*** All documents and papers that report on research that uses the dataset will acknowledge the use of the dataset by including one of the following citation:

- Athul Harilal, Flavio Toffalini, John Castellanos, Juan Guarnizo, Ivan Homoliak, and Martin Ochoa: "TWOS: A Dataset of Malicious Insider Threat Behavior Based on a Gamified Competition.", In International Workshop on Managing Insider Security Threats (MIST@CCS). 2017.

    or

- Athul Harilal, Flavio Toffalini, Ivan Homoliak, John Castellanos, Juan Guarnizo, Soumik Mondal, Martın Ochoa:, "The Wolf Of SUTD (TWOS): A Dataset of Malicious Insider Threat Behavior Based on a Gamified Competition", Journal of Wireless Mobile Networks, Ubiquitous Computing, and Dependable Applications (JoWUA), 2018.

4 Acceptance

The undersigned agrees to the terms and conditions of this agreement on behalf of his or her organization or business as of the date written below:

Signature: _____

Name (in CAPITAL):   _____

Title: _____

Organization and address: _____

Date: _____