OASIS Committee Note

STIX v2.x Semantic Equivalence Version 1.0

Working Draft 01

29 May 2019

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Additional artifacts:

This document is one component of a Work Product that also includes:

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Related work:

This document is related to:

* *STIX Version 2.0. Part 1: STIX Core Concepts*. Edited by Rich Piazza, John Wunder, and Bret Jordan. Latest version: <http://docs.oasis-open.org/cti/stix/v2.0/stix-v2.0-part1-stix-core.html>.
* *STIX Version 2.0. Part 2: STIX Objects*. Edited by Rich Piazza, John Wunder, and Bret Jordan. Latest version: <http://docs.oasis-open.org/cti/stix/v2.0/stix-v2.0-part2-stix-objects.html>.
* *STIX Version 2.0. Part 3: Cyber Observable Core Concepts*. Edited by Ivan Kirillov and Trey Darley. Latest version: <http://docs.oasis-open.org/cti/stix/v2.0/stix-v2.0-part3-cyber-observable-core.html>.
* *STIX Version 2.0. Part 4: Cyber Observable Objects*. Edited by Ivan Kirillov and Trey Darley. Latest version: <http://docs.oasis-open.org/cti/stix/v2.0/stix-v2.0-part4-cyber-observable-objects.html>.
* *STIX Version 2.0. Part 5: STIX Patterning*. Edited by Ivan Kirillov and Trey Darley. Latest version: <http://docs.oasis-open.org/cti/stix/v2.0/stix-v2.0-part5-stix-patterning.html>.

Abstract:

One of the issues that STIX sharing communities eventually face is the sharing of intelligence that is either identical or very similar to intelligence that has already been shared within the community. While detecting purely identical intelligence is simple and can be accomplished through basic string comparison, detecting intelligence that has the same or similar underlying meaning and is therefore semantically equivalent to other intelligence is a more challenging proposition. Semantic equivalence in the context of STIX is a multi-faceted topic and this paper represents an initial attempt at covering some key aspects of this process.

Status:

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Introduction

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## Section Level 2

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1. Acknowledgments

The following individuals have participated in the creation of this specification and are gratefully acknowledged:

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[Participant Name, Affiliation | Individual Member]

1. Some Section

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* 1. Subsidiary Appendix Section

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1. Revision History

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| --- | --- | --- | --- |
| **Revision** | **Date** | **Editor** | **Changes Made** |
| [Rev number] | [Rev Date] | [Modified By] | [Summary of Changes] |