MISP Standard

The collaborative intelligence standard pow-

CIRCL / Team MISP Project

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Threat Sharing

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- Following the grow of organisations relying on MISP, the **JSON format used by MISP are standardised under the misp-standard.org umbrella**
- The goal is to provide a flexible set of standards to support information exchange and data modeling in the following field:
  - Cybersecurity intelligence
  - Threat intelligence
  - Financial fraud
  - Vulnerability information
  - Border control information
  - Digital Forensic and Incident Response
  - and intelligence at large

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Standard - MISP core format

This standard describes the **MISP core format** used to exchange indicators and threat information between MISP instances. The **JSON format includes the overall structure along with the semantics associated for each respective key**. The format is described to support other implementations, aiming to reuse the format and ensuring the interoperability with the existing MISP software and other Threat Intelligence Platforms.

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MISP object template format

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MISP GALAXY FORMAT

This standard describes the **MISP galaxy format which describes a simple JSON format to represent galaxies and clusters** that can be attached to MISP events or attributes. A public directory of MISP galaxies is available and relies on the MISP galaxy format. MISP galaxies are used to attach additional information structures such as MISP events or attributes. **MISP galaxy is a public repository of known malware, threats actors and various other collections of data that can be used to mark, classify or label data in threat information sharing**.

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SightingDB format

This standard describes the format used by SightingDB to give automated context to a given Attribute by **counting occurrences and tracking times of observability**. SightingDB was designed to provide to MISP and other tools an interoperable, scalable and fast way to store and retrieve attributes sightings.

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Internet-Draft - IETF for MISP formats and MISP standard

- If you want to contribute to our IETF Internet-Draft for the MISP standard, misp-rfc[1] is the repository where to contribute.
- **Update only the markdown file**, the XML and ASCII for the IETF I-D are automatically generated.
- If a major release or updates happen in the format, we will publish the I-D to the IETF[2].
- The process is always MISP implementation $\rightarrow$ IETF I-D updates.
- Then published standards in misp-standard.org.

[1] https://github.com/MISP/misp-rfc
[2] https://datatracker.ietf.org/doc/search/?name=misp&activedrafts=on&rfcs=on

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