

OASIS TC - STIX - Open Points

MISP - Malware Information Sharing Platform & Threat Sharing



CIRCL

Computer Incident
Response Center
Luxembourg



MISP
Threat Sharing

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MISP and OASIS CTI TC

- MISP team is actively reviewing the current work within the TC (especially STIX).
- MISP data format are **misp-core** [fully implemented], **misp-taxonomies** [fully implemented], **misp-objects** [in design] and **misp-galaxy** [partially implemented].
- Quick win for users would be the current misp-taxonomies as STIX marking.

Integrating MISP taxonomies in STIX marking

```
1 {  
2   "definition": {  
3     "machine-tag": "admiralty-scale:source-reliability=\"b\"",  
4     "type": "misp-taxonomies"  
5   },  
6   "external-reference": {  
7     "source_name": "misp-taxonomies",  
8     "external_id": "admiralty-scale",  
9     "url": "https://raw.githubusercontent.com/MISP/misp-  
10      taxonomies/master/admiralty-scale/machinetag.json"  
11   },  
12   "version": 1,  
13   "modified": "2016-08-01T00:00:00Z",  
14   "created": "2016-08-01T00:00:00Z",  
15   "id": "marking-definition —773875bb-01da-4dfc-b23c-cecc12621  
16      022",  
17   "type": "marking-definition"  
18 }
```

MISP objects

- Current objects¹ (based on MISP usage statistics): **domain-ip**, **file**, **ip-port**, **passive-dns**, **vulnerability**, **whois**, **x509**.
- Our objective is to create MISP objects with CybOX 3.0 in mind to enable a smooth import and export.
- to ensure that all CybOX types and vocabularies can be replicated using MISP equivalents.

¹<https://github.com/MISP/misp-objects>