

# Information Exchange Policy (IEP) SIG Update



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**#FIRSTCON22**

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# Goal of IEP SIG work

IEP-SIG mission is to automate the exchange of security and threat information in a timely manner to improve the efficiency and effectiveness of the security response community, and industry.

# Work Completed

- IEP 2.0 - [https://www.first.org/iep/FIRST\\_IEP\\_Framework\\_v2.0.pdf](https://www.first.org/iep/FIRST_IEP_Framework_v2.0.pdf)
- Create IEP Protocol
  - Create an Information Exchange Policy protocol to enable machine-based exchange of restrictions for handling, actions, sharing and licensing of shared information.
- Create Standard IEP Policies
  - Create language around the more common policies used today for sharing threat intelligence information utilizing the IEP protocol.

# Work In Progress or Starting

- Incorporate IEP into STIX/TAXII (currently in progress)
  - STIX 2.1 had been ratified as a standard. IEP 2.0 has been ratified. Work is starting towards getting IEP 2.0 into STIX 2.2.
- Promote IEP Policy Reuse (work starting)
  - Develop a suite of standard, reusable IEP Policy Files that will cover 80% of the threat intelligence sharing situations in use today.
  - A few key standard IEP Policy Files for consideration:
    - IEP-SIG TLP Policy File: <https://www.first.org/iep/2.0/first-tlp-iep.iepj>
    - IEP-SIG Unknown Policy File: <https://www.first.org/iep/2.0/first-unknown-iep.iepj>
- Create standard legal documents to match Standard IEP Policies (work starting)
  - Develop globally acceptable legal contract language that match the standard IEP policies created.

# Future Work

- Create IEP selector website to ease IEP Policy selection
  - Envisaged to be a website similar to the Creative Commons 'Choose your licence' wizard.
  - It will be a series of questions that then tell the viewer which standard IEP Policy is right for them.
- Enable TAXII to use IEP requirements to auto-enroll new sharing partners
  - Aim to use IEP to automate TAXII Channel participation by automatically accepting legal agreements and restrictions between intelligence producers and intelligence consumers.

# Meeting June 26, 2022

- Agreement that work in progress should be continued
- Some proposal for enhancements to IEP 2.0 may need to be considered
- Coordinate with other industry efforts that have overlap with IEP work
  - ANSI PAP
  - APWG
  - M3AAWG