

# Cyber Suite | HACKATHON26



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## BCBCTI

Blockchain-Based Cyber Threat Intelligence

2<sup>nd</sup> CyberSuite Hackathon  
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## Keep an audit trail of every indicator

01

Each STIX object BCBCTI receives is registered as a Tokenized Asset Record (TAR) and anchored on a public or private blockchain.

## Preserve privacy

02

Registry API receives a new STIX URL Artifact pointing to the submitted stored STIX Object location.

## Keep payloads in your storage

03

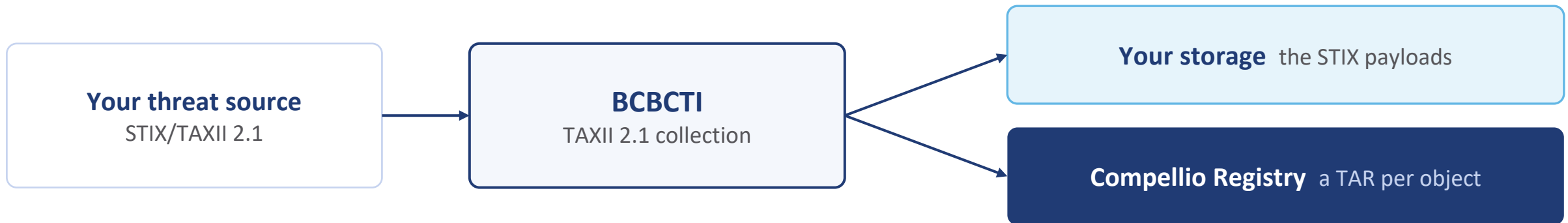
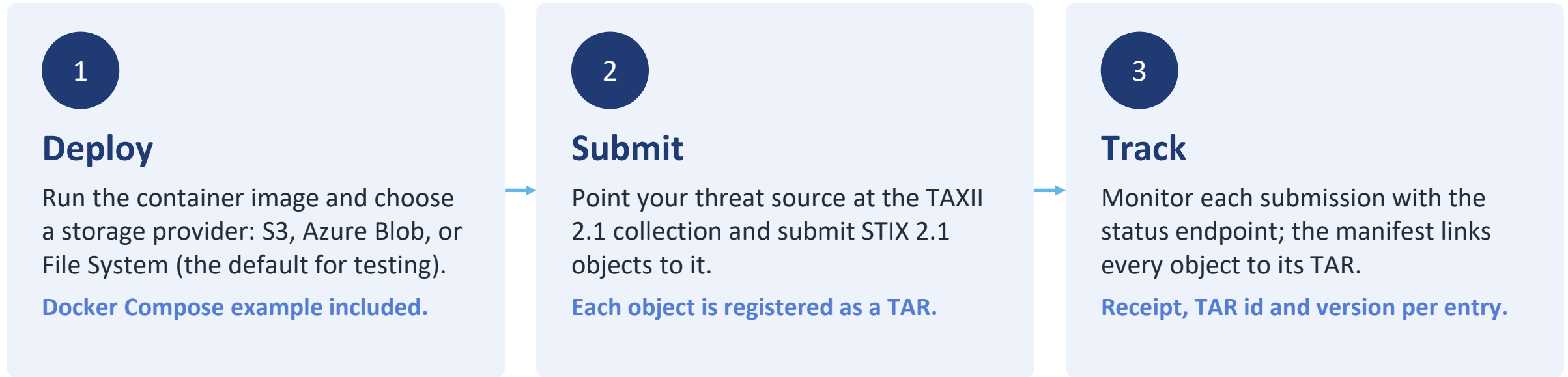
STIX payloads stay in your S3 bucket (AWS or S3-compatible) or on your file system, reachable by authorised users through a URL you control.

## Plug in any STIX/TAXII 2.1 source

04

BCBCTI exposes a standard TAXII 2.1 collection, so threat sources submit to it as to any TAXII server.

# How you use it



## Endpoints

**GET** /taxii2  
**GET** /api  
**GET** /api/collections  
**GET** /api/collections/{id}/manifest  
**GET** /api/collections/{id}/objects  
**POST** /api/collections/{id}/objects  
**GET** /api/status/{status-id}

Pagination with added\_after and limit.

## Object manifests contain registration metadata

**x\_bcbcti\_registry\_receipt\_id**  
the Registry receipt, on status and manifest

**x\_bcbcti\_registry\_tar\_id**  
the TAR id, on the manifest

**x\_bcbcti\_registry\_version\_id**  
the TAR version, on the manifest

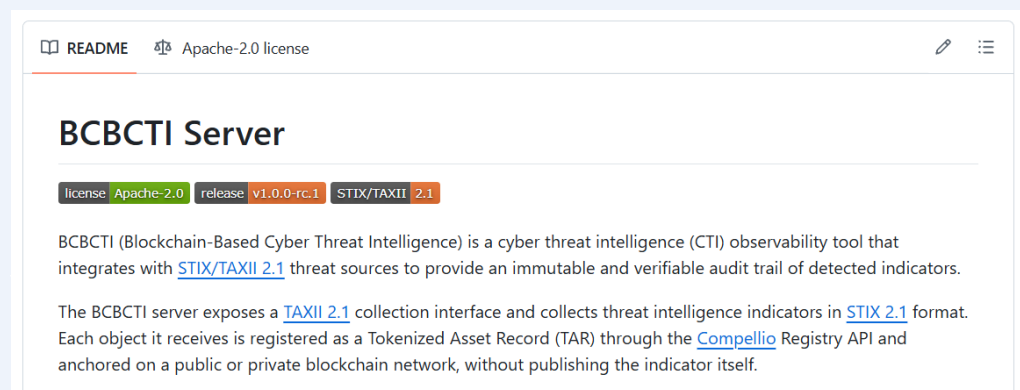
**Example requests:** BCBCTI.http in the repository.

**TAXII spec:** <https://www.oasis-open.org/standard/taxii-version-2-1/>

## Getting started



<https://github.com/compellio/bcbcti>



## Ideas for the hackathon

- 1 Send your tool's indicators to BCBCTI over TAXII 2.1
- 2 Show each indicator's TAR id and version from the manifest
- 3 Track submissions live with the status endpoint

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Thank you for your attention!



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