# MISP-Sharing / Synchronization

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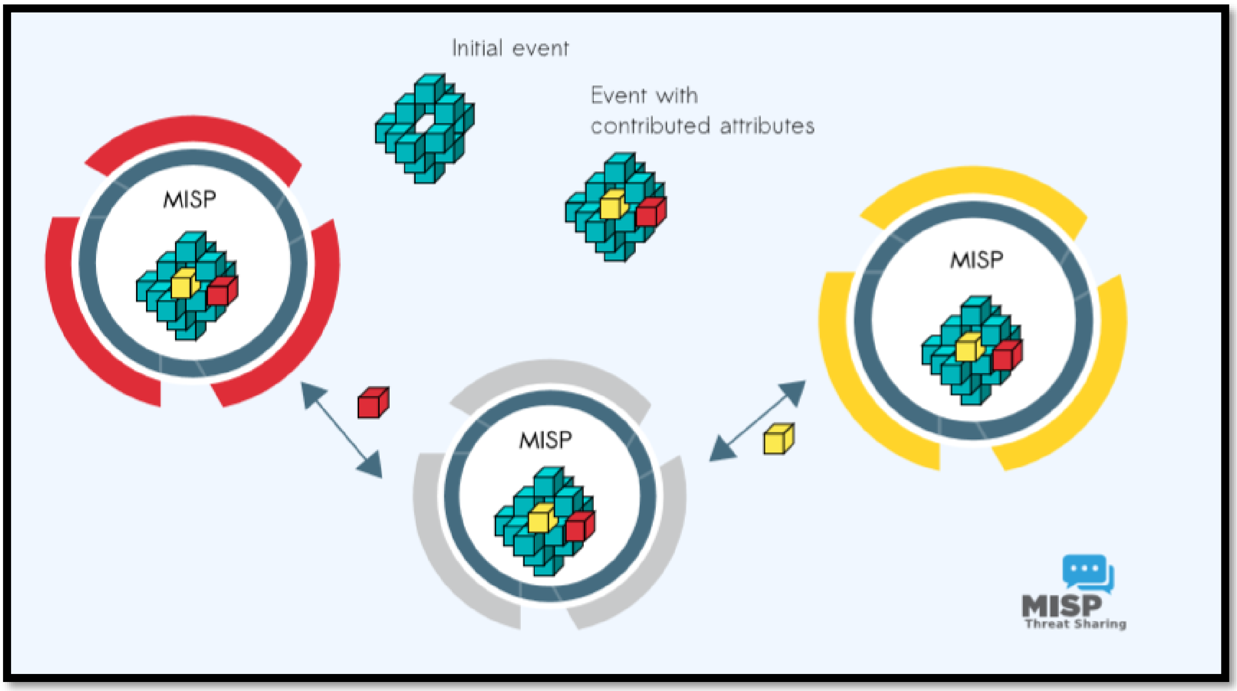
Sharing where everyone can be a consumer and/or a contributor/producer is core functionality of MISP.

MISP is open Source so consumer who get quick benefit by using Sharing and Synchronization has no obligation to contribute.

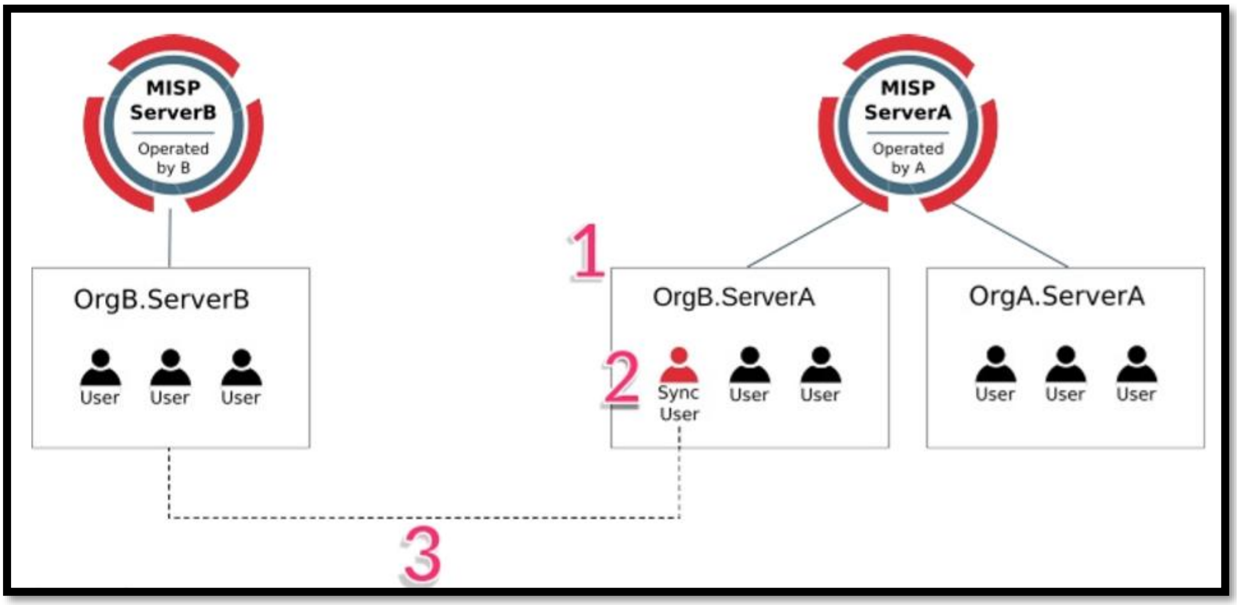
Following figure shows the structure of MISP's Sharing Structure.



[Figure1]: Structure of Synchronization

## I. *Synchronization*

In MISP, there are two ways exist to get events from remote sources.
Case 1: Get events from another MSIP server, by synchronizing
Case 2: Get events from a link, by using Feeds.
Following figures show synchronizing.



[Figure1]: Diagram of Synchronization

It has 3 steps to complete synchronizing.

Step 1: Server A add Org B as a local organization by using Org B's existing UUID from their local organization on Server B

Step 2: Add a Sync User in the organization Org B.server A on the MISP Server A

Step 3: Set up a sync server on MISP Server B using the key from the sync user (sync user in Org B.Server A)

## *II. Sharing and distribution*

Five distribution setting are available for events and attributes.

1. Your organization only
2. This community only
3. Connected communities
4. All communities
5. Sharing group

Community is composed of the local organization on a MISP server and the remote organization connected by the sync user.

*communities are not reversible. For example, In Figure 1, Org B.Server B is part of the MISP Server A community. But Org B.Server A is not part of MISP Server B community.

## III. *Collaboration and Recommendation*

You can use Proposals, Forums, Comment, Contact to reporter, Alerts to collaboration and Recommendation.

Proposals: propose new attribute values that can be reviewed by the event owner.

Forums: discuss non-event related topics.

Comment: Ongoing event in MISP can be commented by every user

Contact to reporter: contact the person or the organization that the person belongs to that has created the event.

Alerts: get alerts via encrypted mail when events are published by other user of the MISP instance, events are pushed to the MISP instance, events are pulled by the MISP instance