

Cerebrate Local Tools Orchestration

- Local Tools inter-connection is done in 3 phases
 1. Inter-connection **request**
 2. Request **accepted**
 3. **Finalise** inter-connection

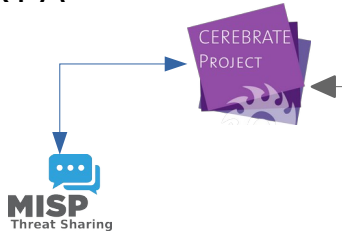
MISP inter-connection via Cerebrate

- *CSIRT A* has a cerebrate instance connected to
 - Its local tool *MISP A*
 - Another Cerebrate instance owned by *CSIRT B*
- *CSIRT B* also has cerebrate instance connected to
 - Its local tool *MISP B*
 - The Cerebrate instance owned by *CSIRT A*

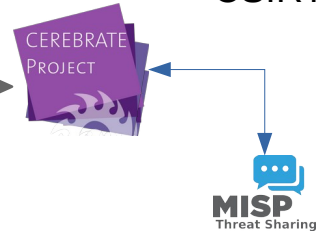
Objective: Inter-connect *MISP A* and *MISP B*



CSIRT A



CSIRT B



Phase 1

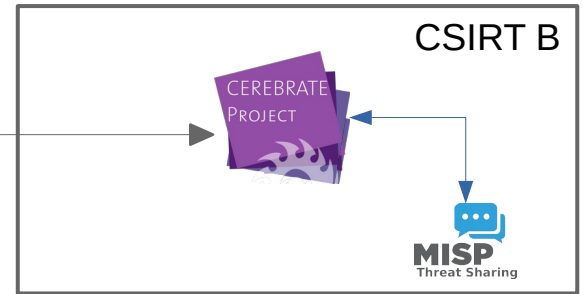
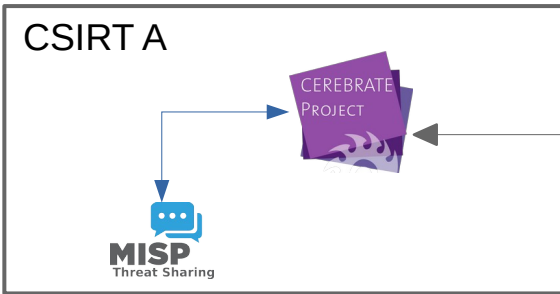
A user initiate a connection request from Cerebrate

ConnectionRequest LocalTool ✕

Connect the remote tool (MISP 4430) on remote brood (Cerebrate 8010) using the local tool selected below.

Local Tool

Cancel Submit



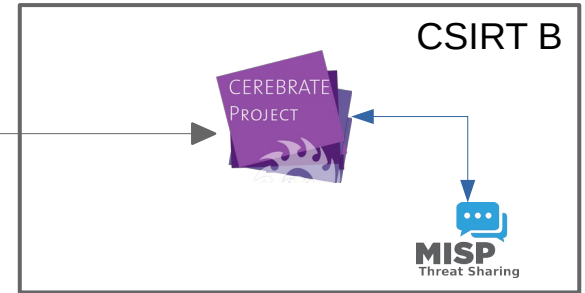
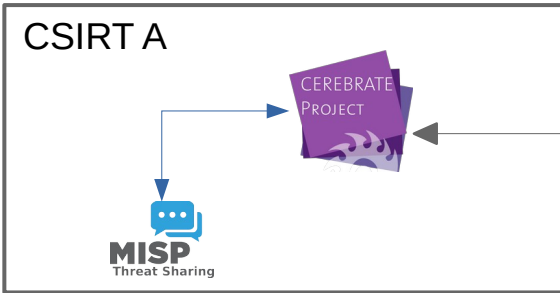
Phase 1

A user initiate a connection request from Cerebrate

ConnectionRequest LocalTool ✕

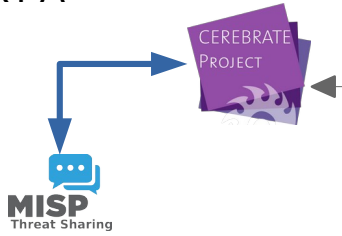
Connect the remote tool (MISP 4430) on remote brood (Cerebrate 8010) using the local tool selected below.

Local Tool



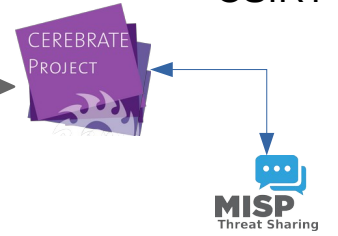
Phase 1

CSIRT A

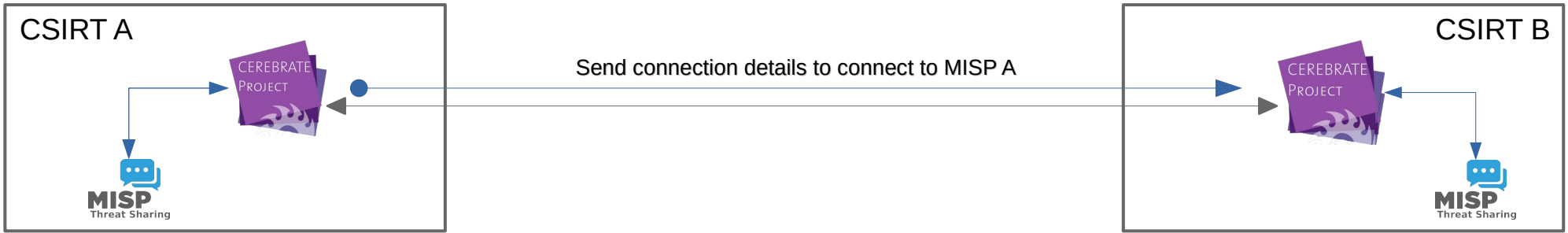


**Create disabled user
for MISP B**

CSIRT B



Phase 1



Phase 1

Inter-connection request message

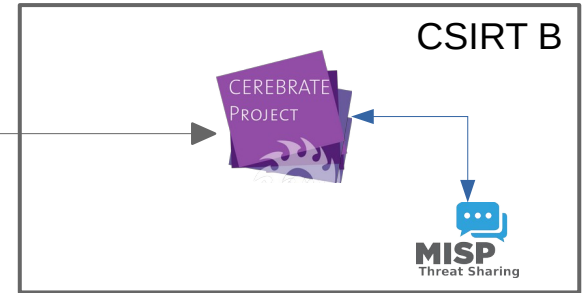
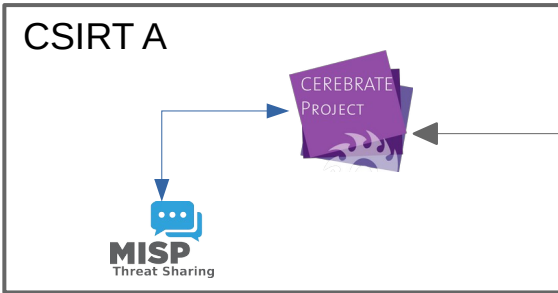
Interconnection Request for MispConnector

Request Sent Request Accepted Connection Done

Date	Tool Name	Brood	Individual	Alignment
2021-06-24 09:42:14	MISP (v0.1)	Cerebrate 8000	admin@admin.test	Owner @ Host organisation

[Inter-connection data](#)

Cancel Decline Request Accept Request



Phase 2

Inter-connection request message

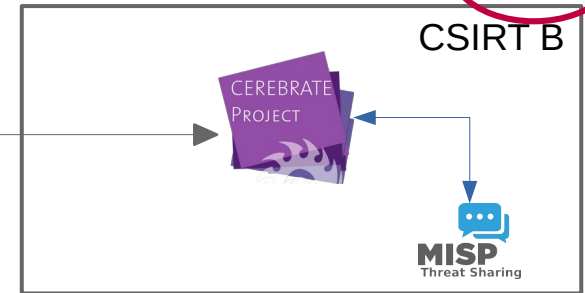
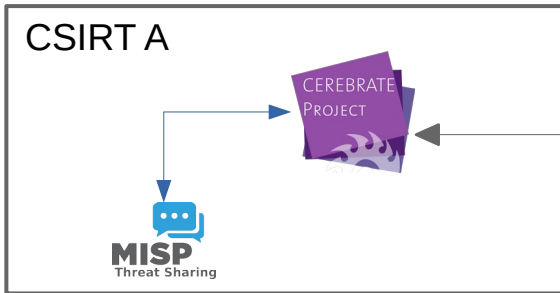
Interconnection Request for MispConnector

Request Sent Request Accepted Connection Done

Date	Tool Name	Brood	Individual	Alignment
2021-06-24 09:42:14	MISP (v0.1)	Cerebrate 8000	admin@admin.test	Owner @ Host organisation

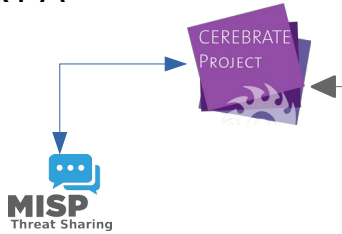
Inter-connection data

Cancel Decline Request **Accept Request**

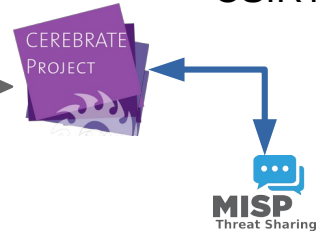


Phase 2

CSIRT A

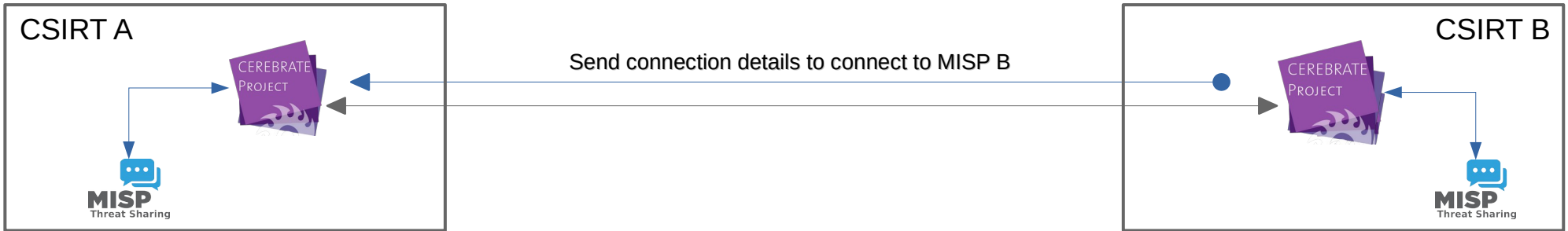


CSIRT B



**Create enabled user
for MISP A and
create server
connection to MISP A**


Phase 2



Phase 2

Inter-connection accepted message

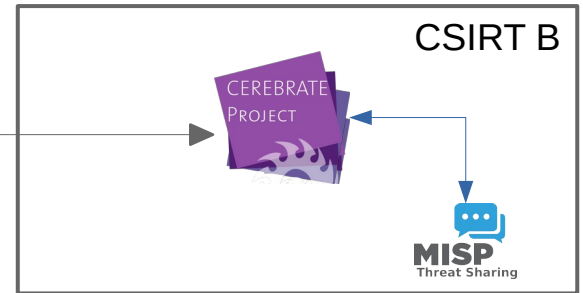
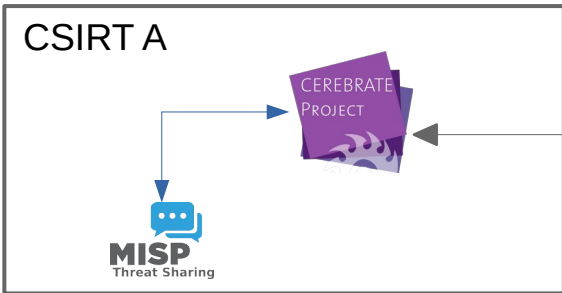
Interconnection Request for MispConnector ✕



Request Sent **Request Accepted** **Connection Done**

Date	Tool Name	Brood	Individual	Alignment
2021-06-24 09:44:30	MISP (v0.1)	Cerebrate 8010	admin@admin.test	Servant @ CIRCL Peon @ CIRCL


[Inter-connection data](#)



Phase 3

Inter-connection accepted message

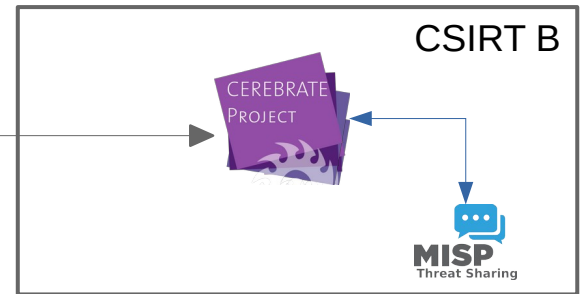
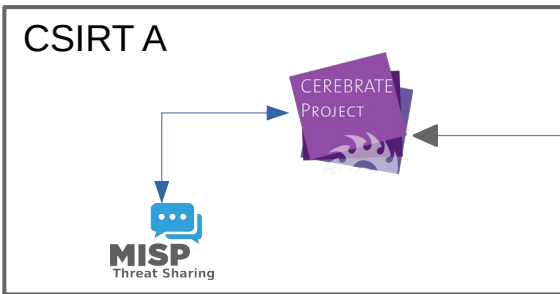
Interconnection Request for MispConnector ✕



Request Sent **Request Accepted** **Connection Done**

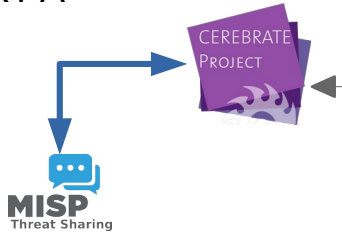
Date	Tool Name	Brood	Individual	Alignment
2021-06-24 09:44:30	MISP (v0.1)	Cerebrate 8010	admin@admin.test	Servant @ CIRCL Peon @ CIRCL

[Inter-connection data](#)



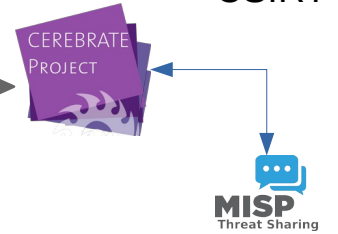
Phase 3

CSIRT A

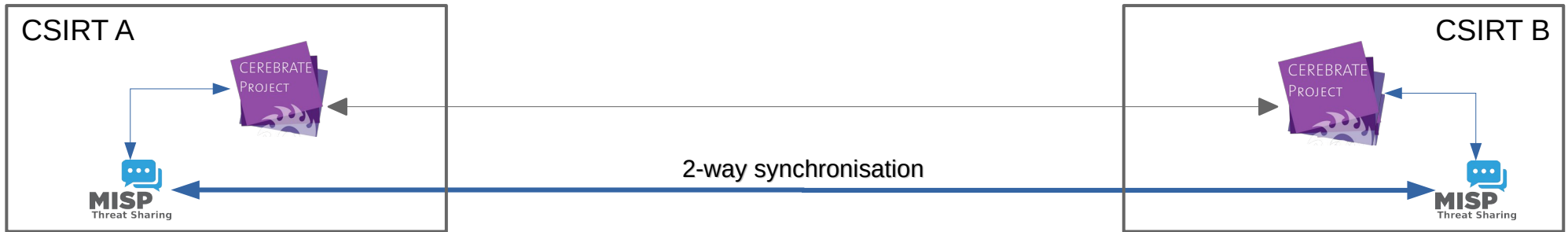


**Create server
connection to MISP B
and enable user**

CSIRT B





Phase 3



Phase 3

Summary: Inter-connecting two MISP instances via Cerebrate

- On **Cerebrate A**, issue a connection *request* to **Cerebrate B**
 1. Go to **/broods/index** on **Cerebrate A**
 2. Click on the wrench icon ()
 3. From the list, pick the instance you want to connect to by clicking on the plug icon ()
 4. From the list, pick the local instance you want to be connected to the remote instance
- Accept the connection request and send the *acceptance* message
 1. Go to **/inbox/index** on **Cerebrate B** and process the message
- Finalize the connection on **Cerebrate A**
 1. Go to **/inbox/index** on **Cerebrate A** and process the message