







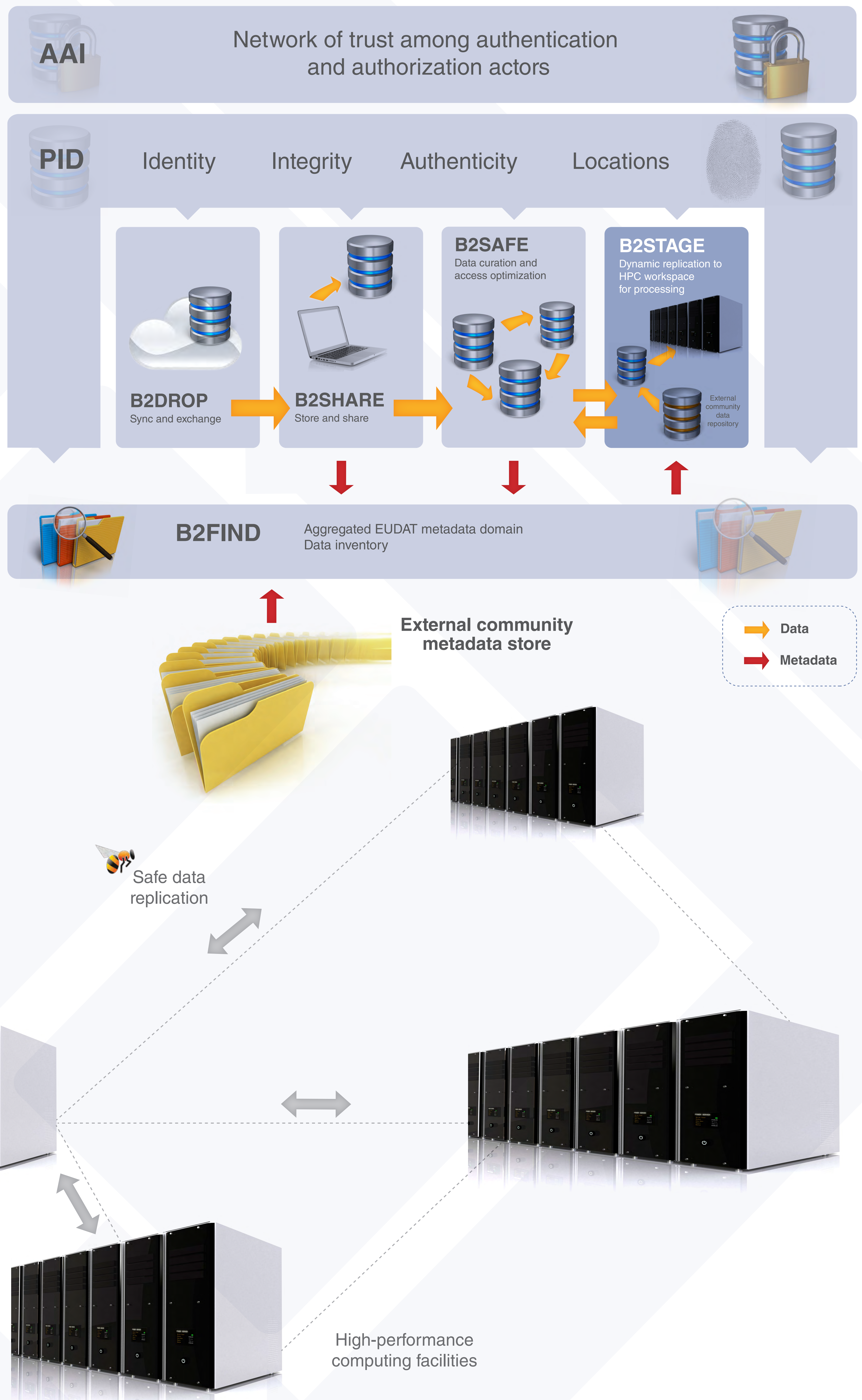
# B2STAGE

## Get Data to Computation

B2STAGE is a **reliable, efficient, light-weight and easy-to-use** service to **transfer research data sets** between EUDAT storage resources and high-performance computing (HPC) workspaces.

The service allows users to:

-  **Transfer** large data collections from EUDAT storage facilities to **external HPC facilities for processing**
-  In conjunction with B2SAFE, **replicate community data sets, ingesting them** onto EUDAT storage resources for long-term preservation
-  **Ingest computation results** into the EUDAT infrastructure
-  Access data through a **RESTful HTTP interface** (in progress)



## B2STAGE features

- an extension of the **B2SAFE** and **B2FIND** services, which allow users to store, preserve and find data
- **data-staging script** facilitates staging, ingestion and retrieval of persistent identifier (PID) information of transferred data
- service available **to all registered researchers and interested communities**
- **users negotiate access to remote HPC services in parallel**
- **collaboration with other infrastructures**, such as the European Grid Infrastructure (EGI) and Partnership for Advanced Computing in Europe (PRACE)
- **documentation, educational material and service helpdesk** available to support users