

# Status of the Proposed UDA Implementation at IPP

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UDA (Universal Data Access, <https://github.com/ukaeea/UDA>) is the ITER recommended way of accessing remote data. Following on from the “UDA training for experimental data mapping, ITER HQ and remote, 20 - 22 November 2023” event, I have formulated the following suggested programme for mapping AUG experimental data as part of the EUROfusion DMP.

The following phases are proposed

1. Install a UDA server accessible from outside, initially with limited protections
  - a. The protections will be increased later as the core services teams tells us how to do this
    - i. 2024-03-12: The UDA server ([uda.ipp.mpg.de](http://uda.ipp.mpg.de)) is operating with no protections
2. Provide IDSes to be served by the UDA server coming from
  - a. Summary IDS generation procedure (prototype already available)
    - i. 2024-03-12: Summary data is available
  - b. Selected output from TRView
    - i. 2024-03-12: Shot 17151 is available
3. From an internal UDA server (until appropriate protections are agreed), provide UDA mappings for
  - a. Summary IDS so that the same data as 2.a. Is generated
    - i. 2024-03-12: Not started yet
  - b. Other experimental data as needed by the TSVVs and EUROfusion work packages, and we have the resources to provide
    - i. 2024-03-12: Not started yet
4. If the UDA server access policy is sufficient, look at moving the UDA server from 3. to the DMZ
  - i. 2024-03-12: Not started yet

Comments would be appreciated!