

# GT4 Usage Statistics Collection



- ❑ **GT4 components send data for usage statistics collected by the Globus Alliance**
  
- ❑ **Transmission**
  - UDP packets to usage-stats.globus.org:4810
  - Data is sent by server, not by client
  
- ❑ **Affected Components:**
  - Java/C WS Core, GRAM, GridFTP, RFT, RLS
- ❑ **Transferred data (ia)**
  - all: component/data format identifiers, source IP/hostname, time stamps
  - GRAM: scheduler type, job type, some flags, success/failure, etc.
  - GridFTP: transfer type/size, transfer start/end, block/TCP buffer size, etc.
  
- ❑ **Further Information**
  - [http://www.globus.org/toolkit/docs/4.0/Usage\\_Stats.html](http://www.globus.org/toolkit/docs/4.0/Usage_Stats.html)

# Usage Stats: Motivation and Difficulty

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## ❑ Motivation

- Globus Alliance
  - receives support from US government funding agencies
  - has to demonstrate that the scientific community is benefiting from their investment

## ❑ Difficulty

- Data privacy protection law in Germany / Europe
  - Transmission of person related data to the US is not permitted without explicit allowance by the user
  - IP addresses are regarded as person related data
  - Providing software which contains such functionality is only permitted after demonstrably informing the user

# Usage Stats: Opt Out



## □ How to disable the data transfer

- for Java Components:  
in `$GLOBUS_LOCATION/etc/globus_wsrf_core/`  
change in file `server-config.wsdd`:  
`<globalConfiguration>`  
    `<parameter name="usageStatisticsTargets"`  
        `value=" [delete] "/>`  
`</globalConfiguration>`  
or remove the parameter
- for C Components:  
change environment variable:  
    `export GLOBUS_USAGE_OPTOUT=1` (for sh/bash)  
    `setenv GLOBUS_USAGE_OPTOUT 1` (for csh/tcsh)