

# **Charter**

## **Description**

To define a Resource Usage Service (RUS) for deployment within an OGSA hosting environment that will track resource usage (accounting in the traditional UNIX sense) and will not concern itself with payment for the use of the resource.

- Definition of service interface to add & search records for accounting information to support use by grid services, individual user clients or service managers.
- Defining a security model for the data stored within the RUS, that protects and individuals right to privacy relating to how they used a service, by building upon the standard OGSA security infrastructure.
- To support a (minimal but extensible) set of commonly understood attributes to describe resource usage (leveraging work undertaken by the Record Usage Format WG).

## **Goals**

To enable the tracking of resource usage within Grid Services deployed within an OGSA environment. As the 'resources' that need to be tracked (e.g. CPU, time, memory) may be vary between services and over time an extensible schema will be used to structure this information.

## **Milestones**

- GGF 5: Initiate discussion of this activity with a BOF and a move to produce a WG charter.
- GGF 6: Contribute resource usage cases as GWD-I's to build on existing information in this area within GGF.
- GGF 6: Initiate detailed discussion on an initial specification of this service with the intention of producing a GWD-C that defines current activity and interfaces.
- GGF 7: Present a revised specification for further discussion and continued iteration of the GWD-C.
- GGF 8: Aim to complete the GWD-C with a proposed service specification and report on its use through a GWD-E. Examine current group activity with the intention of initiating a standard recommendation within a GWD-R.

## **Dependencies**

The WG will work with (where appropriate) with the:

- Usage Record WG

- Grid Economic Services Architecture WG