

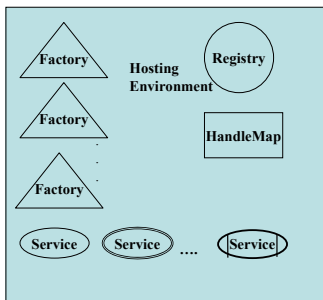
Basics of The Grid

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Web services

- PortType is an abstract definition of a set of operations.
- Operation is defined by inputs, outputs and faults.
- PortType can have many bindings.
- Web Service definition is bound to a porttype.
- A grid service is web service.

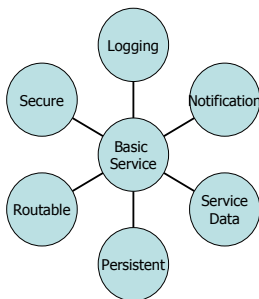
Virtual Organization



Grid Container

- OGSi runtime environment forms the Grid services container.
- Container hosts system level services, resource declarations, life cycle management etc.
- Container is hosted by a real server or hosting environment.
- Container should be flexible enough to host services to enable a B2B application supporting large number of concurrent users, or job submission scheduling service.

Grid Service



OGSI Reference Implementation

- Implements OGSi interfaces such as GridService, Factory, Notification, HandleResolver, and ServiceGroup
- OGSA specifies a grid service
- OGSi defines the grid service
- GT3 is a reference implementation of OGSi
- Lets study [Satomayor's GT3 tutorial](#).