



Enabling Grids for
E-science in Europe

www.eu-egee.org

*EGEE-JRA4 meeting,
CERN, 14/15th October 2004*

Bandwidth Allocation and Reservation JRA4

Anand Patil, Maarten Büchli (DANTE)



Outline

- Status of DJRA 4.1
- Future steps
- Collaboration with JRA 1
- Architecture discussion
- Interface discussion

Status of DJRA4.1

- Requirements based upon SA2 working document
- Clear demarcation between EGEE and GN2 projects
- Focus on interface specification
 - First iteration
 - Requires further refinement
- Initial architecture discussions with JRA1 were held
- Comprehensive software survey presented as an addendum
- Submitted for review on time – 30th Sept. 2004
- No review comments on deliverable received yet

Future steps

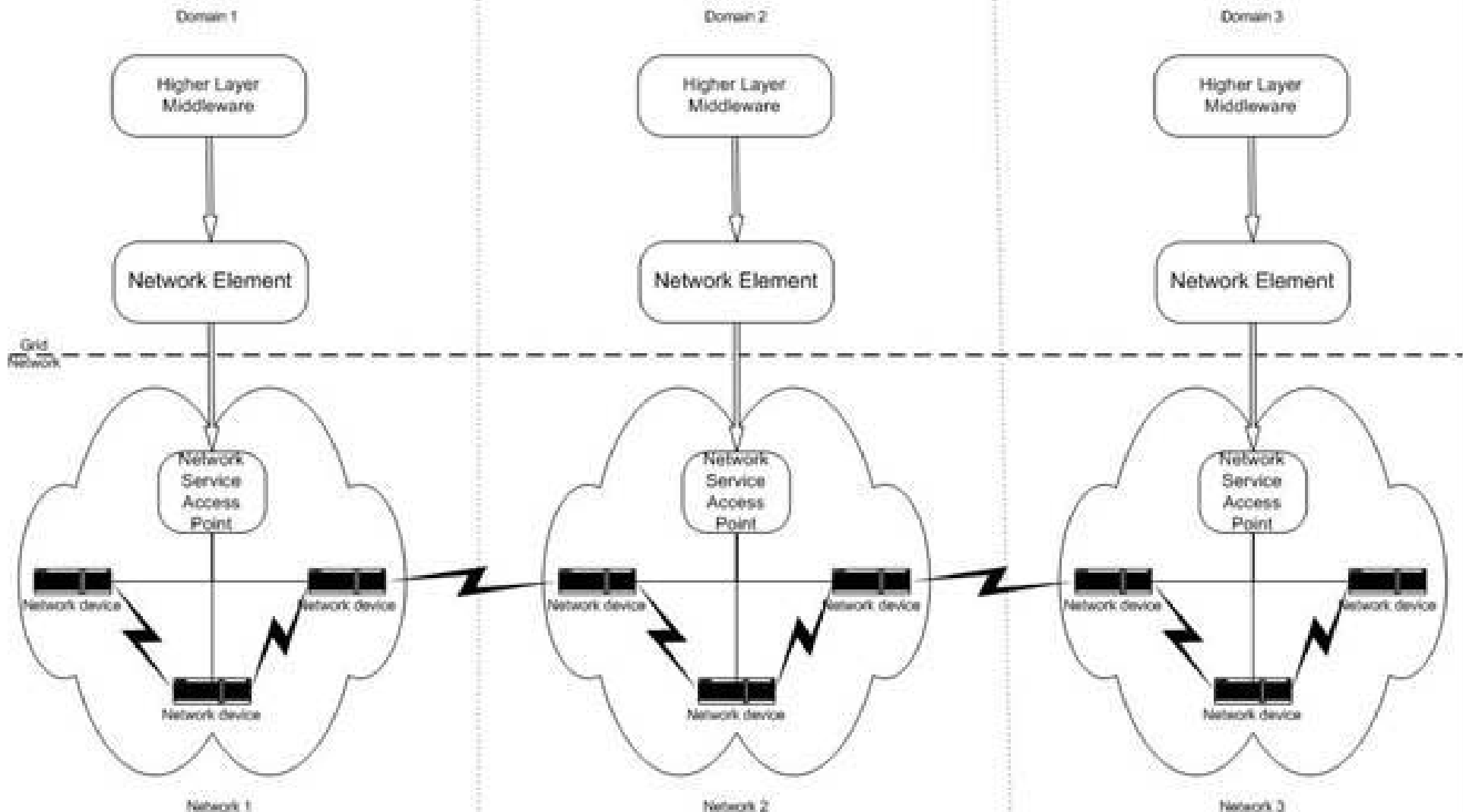
- Finalise architecture and interfaces
- Extract reusable components from surveyed software
- Collaborate with other activities
- SA2
 - monitor the requirements working document
- JRA1
 - more later
- JRA3
 - security issues
- GN2 –SA3
 - continue discussions on interface between EGEE and GN2
- Start developing prototype

Collaboration with JRA1

- Understand Web Services Agreement (WS-A) framework
- Monitor JRA1's WS-A architecture working document
- Achieve a common and realistic understanding of network element (NE) functionality
- Can NE be seen as another element such as the storage element or computing element?

- Organise meetings/conference calls for detailed discussions with JRA1

Architecture discussion



Interface discussion

- Interface between higher layer middleware and network element
- Interface between network element and network service access point
- Deliverable contains first iteration of interface specification
 - Interfaces will be refined during prototyping
- A field by field discussion is required!