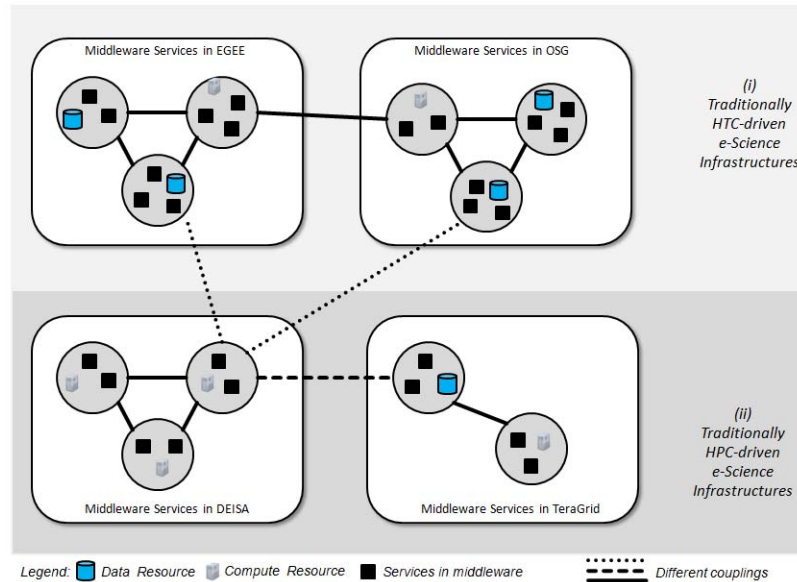
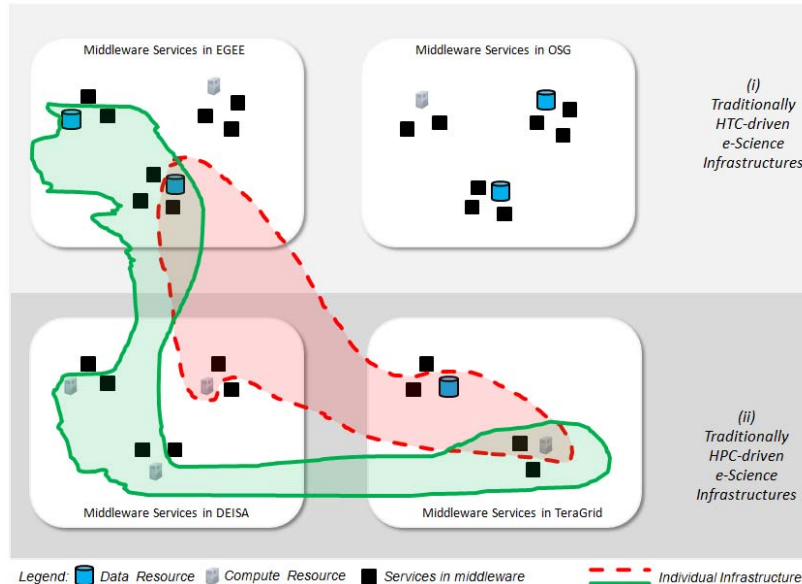


Production e-Infrastructure Interoperability Questionnaire

The current situation in production Grids is clearly represented by tightly coupled Grid services offered by rarely interoperable Grid middleware or data technologies:



In order to reach end-users satisfaction, we have to move towards a network of interoperable Grid services in order to enable individually formed infrastructures:



The following questions are all meant to be interpreted in the greater context of e-Infrastructures and their deployed technologies (e.g. computationally-driven Grid middleware systems, data-oriented technologies, etc.).

Once you filled the questionnaire please give it to the OGF reception or mail a scanned version to the GIN mailing list (gin@ogf.org).

Thank you very much!

If you have questions please contact the GIN-CG Group Chair Morris Riedel (m.riedel@fz-juelich.de)

1. How would you define interoperability?

2. How would you define interoperation?

3. Describe your Grid system, production Grid or area of work:

4. With what other Grid technology or infrastructure you have to interoperate?

5. What are the primary functions/technologies of the other system or infrastructure?

6. How is your system expected to interoperate with these other systems or Grids?

7. How complex is this interoperability you aim for?

8. How would you (formally) evaluate interoperability to indicate the benefits?

9. What regulations and policies govern your Grid system development or Grid deployment? Do these help or hinder interoperability? How?

10. What cross-organizational approaches were established to support interoperability?

11. What was the relative importance of achieving Grid or technology interoperability in decisions regarding architecture, design, and implementation?

12. What is the nature of your relationship with Grid interoperation counterparts (contractual, practical, etc.)?

13. Do you know mechanisms or tools that are used to provide interoperability?

14. Where did these mechanisms and tools work well?

15. What other mechanism, tools, approaches are needed or could be beneficial?

16. What were your major interoperability successes? And what about failures?

17. What particular standards are intended to support interoperability? Are they sufficient? How could they be made better?

18. What standards are you using? Did you add tweaks/workarounds/extensions?

19. What according to your experience are the major problems in interoperability?

20. Do you have any particular suggestions to the GIN group?

Thank you very much for taking the time to fill the questionnaire!

Please give it to the OGF reception or mail a scanned version to the GIN mailing list (gin@ogf.org).

If you have questions please contact the GIN-CG Group Chair Morris Riedel (m.riedel@fz-juelich.de)