



ATOS in Period 2 (WP4 leader)

Technical Review Period 2

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e-infrastructure



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ATOS's role in Period 2

- ☛ Atos was WP4 Leader about Service Provisioning (*officially finished in period 1*)
 - ☛ Note: The final edition & revision of D4.3 was in June'14 (period 2)
- ☛ Atos continued to contribute to HN in period 2 through other WPs, and collaborating with other EC projects and interest groups (PRACE, FedSM, etc.), as recommended during the first review in July 2013.
- ☛ Atos contributed to **business model discussions WP7** (workshops) for the identification of roles in the value chain and options.
- ☛ Atos participated in the discussions about **governance models** WP8.
- ☛ Atos played an active part in working groups such as **ServArch** and **TechArch**, and in the creation of the **Helix Nebula Marketplace (HNX)**
- ☛ Atos interfaced with the FitSM team (part of the EGI Federated Cloud project) regarding standardised inter-supplier service management. Related to WP6, participated in EGI technical forum.
- ☛ Atos took part in the Select Industry Group (SIG) discussions, established by the EC as part of the **European Cloud Partnership (ECP)** programme. The subjects under discussion included SLAs, Certifications and Codes of Conduct.
- ☛ Atos has been particularly active in the **overall management and coordination** of activities of HN initiative in P2 (Mick chairing bi-weekly provider teleconference – costs not charged to EC project)
- ☛ Atos hosted the two face-to-face meetings organized in December 2013 and March 2014

WP4 Summary (recall)

Objective

- Assemble the resources needed to meet the requirements (gathered in WP3), plus the tools necessary to configure, deploy, monitor and evaluate the flagship (WP5).

Specific goals

- To produce, validate and make available a method of determining and describing a suitable service offering to meet user requirements for the Science Cloud (beyond tools) → establishment of the 'blue box service functions'
- To deploy that method in the three flagships, based on the specific requirement statements for each flagship (from WP3), in order to allow evaluation (by WP9) of the approach.

Findings

- Highlighted the need for service aspects, rather than technical, aspects, especially as regards federation and brokerage
 - Necessary to act as ambassadors for the need to define a complete Service Architecture, most of which was done outside the scope of this WP4
- Also highlighted the business questions and need for business requirements that arose from WP7
- Some points of learning for further addressing towards a complete HNX establishment were; common interfaces (APIs), VM images conversion across sites, inter-cloud scaling, networking: bandwidth and interfaces, charging algorithms, common charging and billing mechanisms.

Contribution to the dissemination of project results

- Service aspects have been discussed at a number of internal Helix Nebula events and externally.
- Atos also contributed to position the HN initiative in several events such as Digital Agenda (Dublin), Cloud for Europe (Berlin), link to EUDAT and PRACE with data and HPC providers, Cloudscape (Brussels), etc
- These have helped promulgate the services, as opposed to just technology, thinking that is necessary for such developments to succeed.
- The dissemination actions such as conference presence or press releases, contributed to increase the awareness about HN offering and the launch of the HNX (marketplace) in line with the goals of the HN communication plan (WP2)