

Coordinating an ICT project

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measurement and architecture for a middleboxed internet

measurement

architecture

experimentation



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Overview: MAMI

Measurement and Architecture for a Middleboxed Internet



Objectives

1. Large-scale measurements of deployed middleboxes [WP1]
2. An architecture for middlebox cooperation [WP3]
3. Experimental evaluation of use case applicability and deployability [WP2]

Project Structure

WP4: Standardisation, Dissemination, and Exploitation (4 deliverables, 5 tasks)

WP5: Project Management and Scientific Coordination (3 deliverables, 2 tasks)

- Others: 2-3 Deliverables per WP; 4-5 tasks per WP
- 10 (initially 7) MS: software releases, workshops, internal accounting reports



- ICT-12-2015: Integrating experiments and facilities in FIRE
 - Publication date: 23 July 2014
 - Deadline: 14 April 2015
- Research and Innovation action (RIA)
 - „Proposals requesting a *Small contribution* are expected“
 - 13 Mio € in total for Research and Innovation Actions
 - small contribution ~2 Mio
- 35 proposals, 10 accepted (6 RIA and 4 IA)

Projekt Facts



- **Budget**

total 2.9 Mio (1.63 Mio funded by EU, 1.27 Mio by SERI)

- **Consortium**

7 partners (4 universities, 1 research institute, 2 industry)

- **Man Power and Duration**

~8 FTE over 30 months

Time Line (1)



- **Oct 1, 2014:** First email with initial slide to potential partners (4 universities and 3 industrial companies)
 - Commitment and potential contribution
- **Nov 5, 2014:** First call with 5 out of 7 potential partners
 - Mailing list created
 - Updated slides to send to the commission for feedback
- **Dec 15, 2014:** second call
 - Proposal writing phase (googledocs)
 - Needed new/more industry partners

Time Line (2)



- **Jan 28, 2015:** Physical meeting co-located with workshop
 - Initial text in all/most sections before meeting (mainly part 2 on impact was missing)
 - Common view on project goals and content
 - Final decision on EU call
- **Feb 18, 2015:** Call to finalize work package structure
 - Further: editors assigned to all missing sections
- **March 4, 2015:** Call to finalize proposal description
 - Further added two more (industry) partners
 - Finally decided about project lead

Time Line (3)



- **25 March, 2015:** Informal dinner at IETF
 - Goal: all text contributions before IETF meeting
 - Final reviews until deadline
- **14 April, 2015:** submission
 - Final edits by me and my colleague Brian in the week before the deadline
 - Consistency checks in work packages and accounting/financial data

Review Comments

3 Criteria, Threshold: 3/5.00 for each



Excellence (Score: 4.50)

- *"The objectives are clear...", "...concept that is sound, interesting and relevant to the call.", "Convincing evidence ... regarding the technical feasibility..."*
- *"The claims on **privacy** applications are not convincingly justified."*

Impact (Score: 4.50)

- *"...clearly addresses all the expected impacts listed in the work programme.", "...plan for dissemination is very good and it addresses a range of well-targeted stakeholders with appropriate actions."*
- *"The impact on privacy [...] is not convincingly presented.", "No appropriate **metrics/KPIs** are proposed to measure the effectiveness of the dissemination actions."*

Quality and efficiency of the implementation (Score: 3.50)

- *"The work plan is coherent and light with a small number of deliverables appropriate to a 30-month project.", "The participants clearly possess the required expertise.", "The presence of an External Advisory Board will be beneficial given the limited industrial participation."*
- *"There are tasks without associated deliverables...", "The number of proposed **milestones** is too low. **Task leaders** are not identified.", "The reduced participation and commitment of **Industry** is considered a weakness."*

Challenges/Problems



- Finding industry partner
 - none of the initial 3 are in the project
 - last partner committed in March
- Deciding for a project coordinator
- Organizing the review process
- Fitting it to the call
- And fitting the budget to the call
- Witting the impact and exploitation section
- Balance between research and concrete ideas

Tips and Tricks



- 1-2 people that lead the proposal and will probably also provide up to 2/3 of the text contribution
- Having a core of people that know each other well
- Having a clear goal for the output of the project
 - Detailed work plan
 - Clear idea what each partner wants to do and how this contributes to the project as a whole