



SWITCH

The Swiss Education & Research Network

GN2 - TF-CSIRT Relationship

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TF-CSIRT, Malta

About GN2 (old slide)

Sixth Framework Project:

- Title: Multi-Gigabit European Academic Network
- Project acronym: GN2, it is spelt “GN2” but often pronounced “GÉANT2”
- Successor of project GN1, which produced the GÉANT network

Project partners:

- DANTE, co-ordinating partner
- Consortium of NRENs (29)
- TERENA

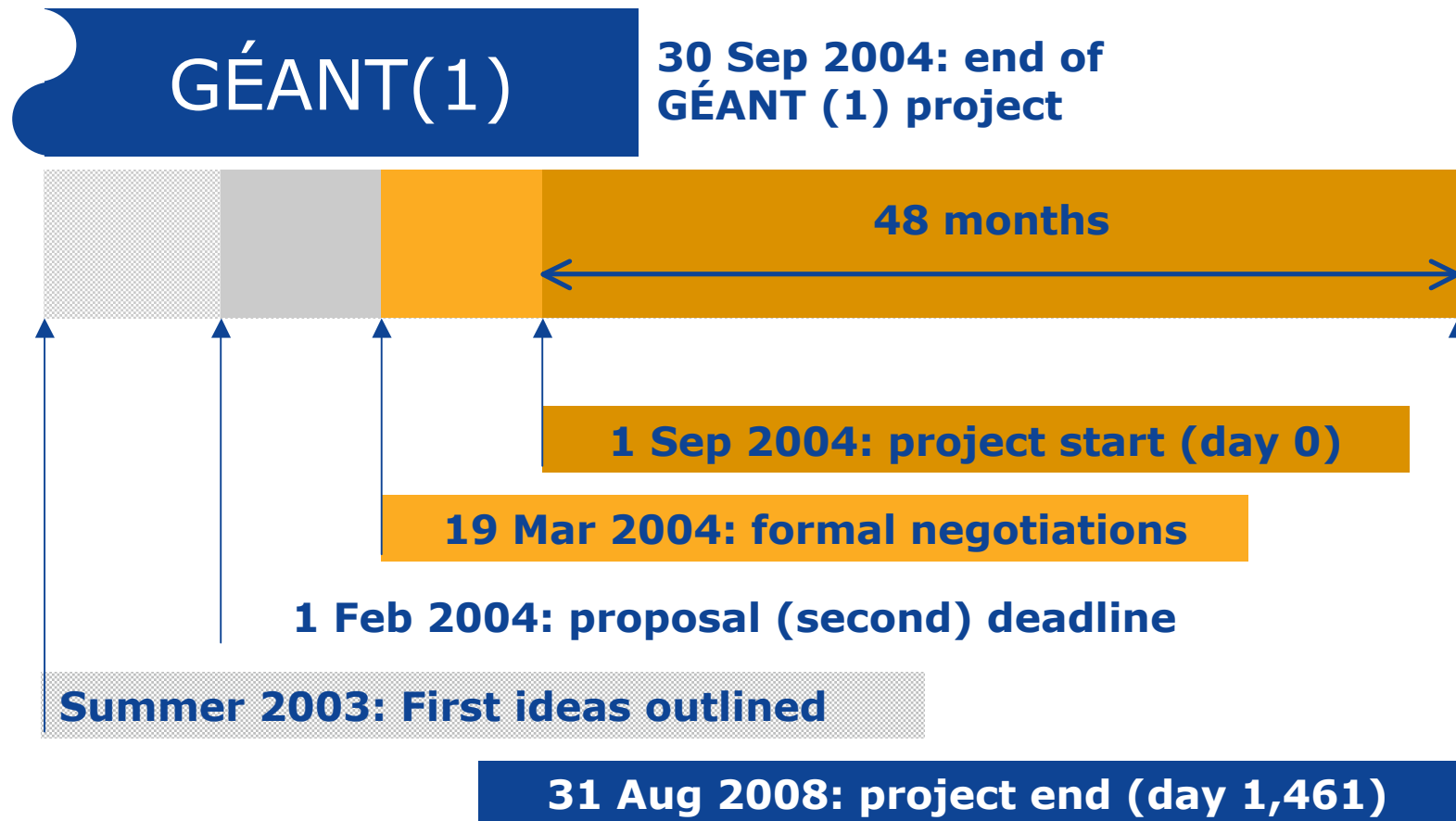
Project structure, work packages

- 7 Network activities
- 4 Service activities
- 5 Joint research activities

Timelines

- Project start: September 2004
- Duration: 4 years
- Reporting period: 1 year
- Detailed planning to date: first 18months, updated yearly

GN2 time line (old slide)



Context of JRA2 (old slide)

GN2 (in terms of cost)

- Total projected cost: about 180M€
- Co-financing request: 93M€

GN2 (in terms of manpower investment)

- Network Activities 25%
- Service Activities 27%
- Joint Research Activities 48% = 100%
 - » JRA1: Measurement & Mgmt 25%
 - » JRA2: Security 25%
 - » JRA3: New Services Development 25%
 - » JRA4: Technology & Service Testing 8%
 - » JRA5: Ubiquity and Roaming Access 17%

WI1: Securing GN2 network elements and services

- recommendations and policies for GN2 & NRENs
- implementation on backbone and access links

WI2: Building of security services

- Introducing “The Toolset”©
- deployment of eCSIRT.net results

WI3: Designing and establishing an infrastructure for co-ordinated security incident handling

- Making use of “The Toolset”© and provide operational feedback to WP2
- Several partners to trial each new service

WI4: Relationship with TF-CSIRT

- Acknowledge the overlap in membership and interests
- Ad-hoc groups of TF-CSIRT experts for advice to GN2

WI5: Establishment of advisory panel

- Clearly defined role of TF-CSIRT

Status of GN2 (JRA2)

GN2 formally started 1 September 2004

JRA2 Kick-off this afternoon, in this location

- Some stuff still unclear
- The following slides are my personal view, we may well decide differently

WI1: Securing GN2 network elements and services

- Doesn't look particularly interesting to TF-CSIRT, maybe specific expert advice required

WI2: Building of security services

- Looks terribly interesting for others to participate, but needs some discussion within JRA2 first

WI3: Designing and establishing an infrastructure for co-ordinated security incident handling

- Looks terribly interesting for others to participate, but needs some discussion within JRA2 first

WI4: Relationship with TF-CSIRT

- *Separate slides*

WI5: Establishment of advisory panel

- *Separate slides*

Communication channels

- All JRA2 members are expected to join TF-CSIRT; No problems expected
- Use the TF-CSIRT list for JRA2 activities, like any other TF-CSIRT activity
- Separate JRA2 mailing list for things under non-disclosure (if needed at all), or if TF-CSIRT is getting annoyed or monopolised

JRA2 progress reports at TF-CSIRT

- Looking rather unproblematic

Ad-hoc groups of TF-CSIRT experts

- Fine, if TF-CSIRT finds volunteers
- Tough luck for JRA2, if TF-CSIRT fails :-)

Side-by-side or joint meetings

- Strong feeling for joint meetings
- Separate sessions for stuff under non-disclosure or pure GN2/JRA2 internas
- Separate sessions, if TF-CSIRT feels monopolised or bored

>>> The ToR of TF-CSIRT should

- Mention collaboration with GN2/JRA2
- Acknowledge the areas of overlap
- Specifically mention the ad-hoc groups of experts

Communication channels for information exchange between both bodies

- TF-CSIRT->JRA2:

- » JRA2 members expected to be member of TF-CSIRT or to join

- JRA2->TF-CSIRT:

- » JRA2 will stick to what the GN2 contract covers. Therefore: not that much of an issue, except for formalised information (see next item)

JRA2 progress reports to be presented to TF-CSIRT:

- TF-CSIRT secretariat invited to make it a standard agenda entry

Ad-hoc groups of TF-CSIRT experts for specific advice to GN2/JRA2

- Requests for advice (from anywhere in GN2) are funneled through WI4
- Ad-hoc group in action, an example:
 - » Request for help from GN2/X on some topic Y received by WI4
 - » Request for experts to discuss Y sent to TF-CSIRT by WI4
 - » Private discussion amongst experts and WI4 on topic Y
 - » Results edited and sent by WI4 to GN2/X and experts, and (if acceptable to contributors and requestor) also to TF-CSIRT

Side-by-side or joint TF-CSIRT/JRA2 meetings

- JRA2 members expected to be member of or to join TF-CSIRT
- Therefore clearly favouring side-by-side meetings:
 - » JRA2 meeting for project specifics
 - » TF-CSIRT for all the rest

WI5: Establishment of advisory panel

Aim

- Strategic input to GN2/JRA2: JRA2 Staying on track in an evolving world

Proposed membership (as per DoW)

- Advisory panel recruited from active TF-CSIRT members (up to 10)
- JRA2 leader and TF-CSIRT chair select and invite the membership
- JRA2 leader is secretary
- The panel elects a chairman
- Membership covering: GN2 experts, security researchers, incident response individuals from R&E, industry and government

Expectations towards members

- Security experts involved in strategy development
- Participate at panel meetings (next to TF-CSIRT meetings)
- Stay up to date on GN2 (at least: information provided to TF-CSIRT)
- Commenting the WI5 deliverables (yearly task)

What's next?

- Looking for volunteers... If interested, get in touch with JRA2 activity leader or TF-CSIRT chair
- ... otherwise we will
- No money, little effort, lots of fame