



# GÉANT2 Security Update (aka JRA2)

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Connect. Communicate. Collaborate

# Introduction

- EU-sponsored GÉANT2 project runs from Sept 2004 to August 2008
- Divided into several activity classes, one of them:
  - JRA: Joint Research Activity
  - Goal: preparing the grounds for new services in GÉANT2 (and successor)
- JRA2 is about “Security” and aims at:
  - improving the overall security within the GÉANT2 community
- JRA2 fits into GÉANT2 project by:
  - engaging existing security teams of GÉANT2 partners
- Number of partners: 12
- Main partners: CESNET, DANTE, GARR, GRNET, SURFnet, SWITCH





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# Introduction

JRA2 consists of the following Work Items:

- WI-0: Management (SWITCH)
- WI-1: Securing GÉANT2 network elements and services (DANTE)
- WI-2: Building of security services (SURFnet)
- WI-3: Designing and establishing an infrastructure for co-ordinated security incident handling (GARR)
- WI-4: Relationship with TF-CSIRT (SWITCH)
- WI-5: Establishment of advisory panel (SWITCH)



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# JRA2 to date

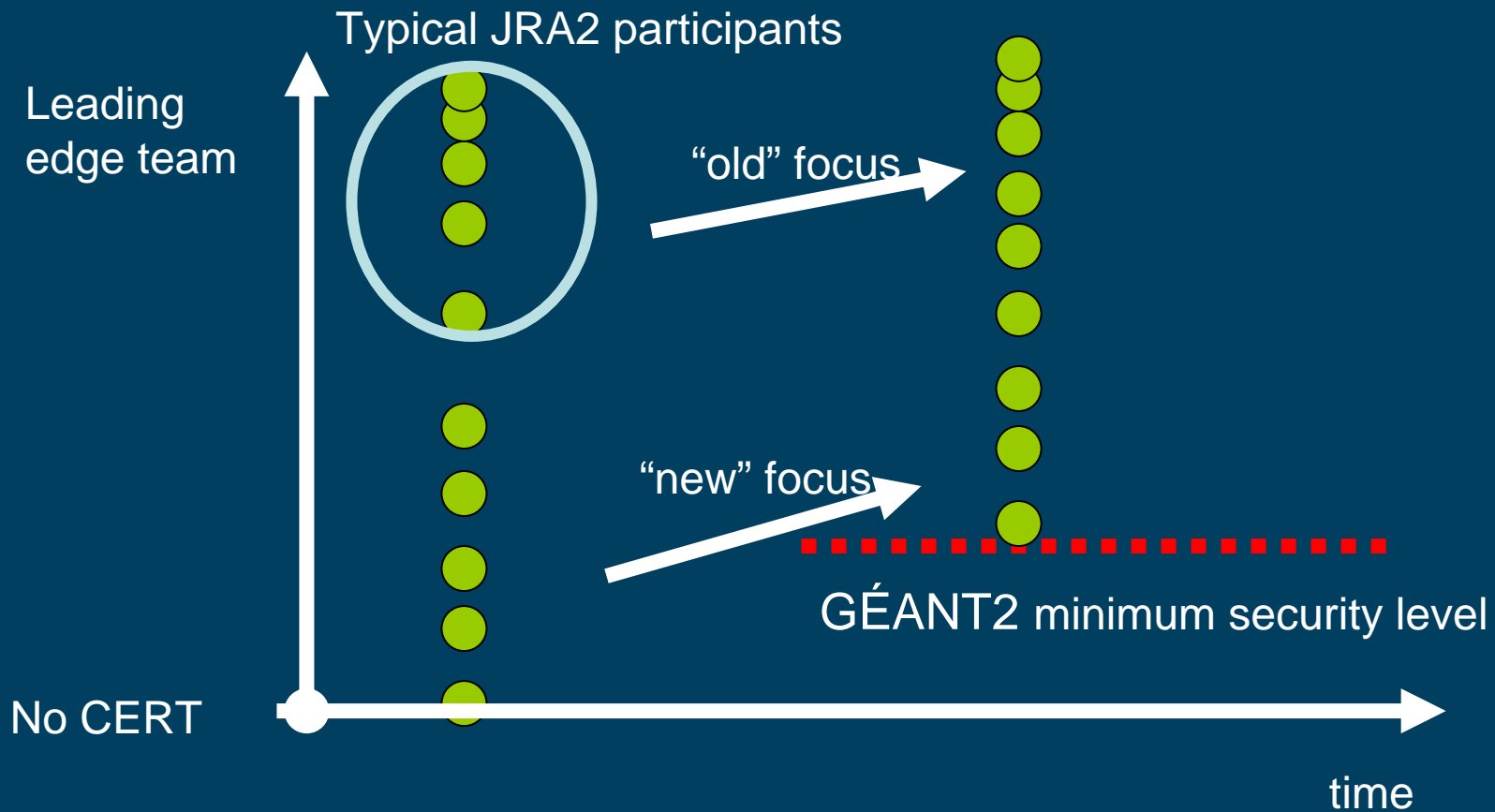
- Policy document on securing GÉANT2 (update currently under review)
- “The Toolset” (flow probe, nerd, nfsen): architecture, user reports, requirements for further development (draft)
- Co-ordination infrastructure: pilot report (draft)
- Formalised “security advice” from TF-CSIRT to GÉANT2 : first case pending
- Advisory panel report (update shortly)



# Security-Level of GÉANT2 partners



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# JRA2 outlook (Y3 of GÉANT2)



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- Split service implementation and advanced services
- Service implementation: (relevant for all GÉANT2 partners)
  - set minimum standards for all GÉANT2 partners
  - Help partners to reach them
  - Make use of existing initiatives wherever possible
- Advanced services: (relevant for leading edge partners)
  - Anomaly detection on the GÉANT2 network (inkl. partners)
  - Advanced co-ordination trial e.g. IODEF
  - Further developing the flow probe