

***Monitoring Infrastructure
Deployment BOF***

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Agenda

- Agenda bashing (5')
- Deployment of inter-operable and cost-effective monitoring infrastructures in ISP networks (Gianluca Iannaccone, 15')
- Short Presentations
 - Improving measurement and monitoring for ISPs (Nevil Brownlee, 10')
 - Sprint's Continuous Monitoring project (Gianluca Iannaccone, 10')
 - IPPM Applicability Statement (Henk Uijterwaal, 10')
 - Multi-domain monitoring across European Research Network (Nicolas Simar, 10')
- Scope and candidate charter (15')
- Open Discussion & Next Steps

Draft Charter

- **Provide BCP documents**
 - what ISPs need to monitor and what metrics.
 - how to instrument monitoring systems in large-scale provider networks.
 - describe known-to-work implementations and open issues.
- **Specify ways for ISPs to share/compare monitoring data.**
 - common metrics and analysis methods.
 - common formats for collected monitoring data (e.g., packet traces)
- **Specify components of monitoring infrastructure not addressed in existing WGs**
 - storage/aging of collected data
 - statistical analysis of traffic
 - control plane functionalities
- **Make recommendations to other WGs standardizing different elements of monitoring infrastructure**
 - e.g., IPFIX, IPPM, PSAMP, INCH, IDWG, etc.,