

Campus Outbrief

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Denver, Colorado July 28, 2011
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- Improving operations based on experience so far with deployment, Plastic Slices and experiments
 - New policy for responding to data leaks, revised Aggregate Information page template
 - New proposals from GMOC for improving experimenter and operator problem notifications
 - Discussed draft Security Operations Security Plan and early clearinghouse policy ideas

- Plastic Slices results and suggestions for improvement (e.g. uptime targets and monitoring)
<http://groups.geni.net/geni/wiki/PlasticSlices>
- Agreed to continue this type of mesoscale continuous operations testing—may expand to provide software test environments
- OpenFlow releases for FlowVisor, Expedient/Opt-in Manager, and NOX coming this fall—get your bugs/feature requests in now!
- Internet 2's NDDI project plans to make more OpenFlow substrate available in Spiral 4

- Campuses still have important unmet requirements
 - OpenFlow Opt-in is too hard
 - need to help admins evaluate impact of a request on existing /proposed flows
 - need to provide options to auto-approve, delegate approval
 - no easy way to express site's local use policy without manual intervention
 - Relating GENI objects (including human experimenters) to each other is too hard—we currently rely on workarounds like naming conventions and clever wiki pages
 - Experiment isolation in mesoscale is work-in-progress

- Monitoring still has important unmet requirements
 - Early GMOC and site (BBN) monitoring data now available publically for mesoscale
 - Other monitoring data is available through project tools (e.g PlanetLab, ProtoGENI)
 - Tools for relating, searching and visualizing collected mesoscale data are very minimal--need better solutions soon.
 - Security and data privacy for collecting and sharing data needs to be addressed in GENI.
 - Campus use cases driving requirements would be useful to developers – silence equals satisfaction
 - Probably more monitoring needs than GENI developer time