# Minutes NSI-WG conf call 8 Apr 2015

***Attendees:***

Guy R.

John M.

Chin G.

Henrik TJ.

Tomohiro K.

Kostas S.

Artur (PSNC)

***Apologies:***

Michal B.

Hans T

Diederik V.

Miroslav Z.

***Agenda:***

* Follow up from Washington: next steps for NSI working group
* Hooks for policy in the reserve request
* Feedback mechanisms in NSI CS to avoid tree collision problems.
* Attendance at OGF45 in Lisbon, May 18-22?

***Minutes:***

Chin: Policy requirements need to be addressed, but verification is difficult.

* We should pick the hanging fruit… local policy enforcement. In chain, provide the entire end-to-end path in reservation request header. In tree, include what has been computed so far in the header. This information can then be used by the uPA to apply policy.
* Solving the collision issue – one possibility is to return hints about resource availability in the reserveFail response.
* Another possibility is to add negotiation into 2 phase commit. Requester sends a list of labels, the reserve response returns a subset of labels. The RA includes the final label at the commit phase.

Henrik:

* How do you control who can make request? Formalise authorization?
* Is the current model of delegated trust sufficient? Do we need federated trust?
* Supports need for solution to the collision issue as raised by Chin
* Need support for redundancy. Exclude list in ERO – these have been discussed by not formalized.

Tomohiro:

* Policy is the next step as per discussion in Washington.
* Extension to NSI have been discussed in FELIX. Would like to see NSI stable before implementing this.

Kostas:

* Some refinements, such as ideas discussed in the NSI implementation group. Eg, how are error messages to be generated/interpreted?
* GÉANT implementation makes use of chain only within GÉANT network, STPs and EROs supported

Artur:

* Agrees that a refinement of current details and implementation is needed as discussed by Kostas.
* Need some more work on monitoring, but this is longer term.

**Other business:**

* Next call 22 April
* End of May too close for next meeting, suggest TNC

Guy will be at TNC, possibly also Tomohiro. No others on this call will be attending.

***Action Points:***

**AP1**: Hans to update document and send to Guy for review.

**AP2**: John: DDS: needs updating based on issues during implementation

**AP3**: John: NSI extension to NML update.

**AP4**: Guy to work on document to describe how to put end-to-end path request into Request header.