# Minutes NSI-WG conf call 10 Dec 2014

***Attendees:***

Guy R.

Chin G.

Hans T

Henrik TJ.

Michal B.

Artur (PSNC)

John M.

Tomohiro K.

***Agenda:***

* All to update their progress on NSI documentation
* John to update on his work on STPiD update to NSI extensions document and STPiD cut-over
* NSA Description Document.
* Security and request forwarding (discussion initiated by Henrik on mailing list)

***Actions from last week***

**AP1**: John to complete NSA Description document will be completed by John on 28 Nov (done)

**AP2**: John to send out doodle poll for cut-over date for new STP format. Second half of January target. (done)

***Minutes:***

***Progress updates***

* John has updated the schema and the NSA Description Document with the ‘*peers-with*’ element.
* STPiDs update week for cut-over to be chosen by doodle poll for some time in January. John to update the list with details.
* John is working with Hans on the AAI document.
* Hans has been reformatting the document into standard OFG format. Incorporating all of the items agreed in Uppsala. Last thing to add is the formulation of the XML – John is working on this now.

***Henrik security discussion:***

* Henrik: there is a hole in security with request forwarding. When the NSAs are connected in a large mesh it becomes difficult to apply policy. Exchange points (any NSA in the middle of a circuit) does not have policy information about the circuit edge point policy.
* Henrik: I see the need for authorization from the end-point before going ahead and making reservations.
* Chin – policy enforcement has to be local. But finding a mechanism to know about policies of all adjacent domains on a per service basis is not easy.
* Henrik – proposal to use tokens to allow end domains to sign a token to confirm that the reservation is valid according to the policy of all participating domains.
* Chin – need to see if there is a mechanism to support such policy enforcement for the tree workflow.
* Henrik: in a small system the current solution is ok, but in large system there is a policy hole.
* John: a lot of issues around securities that need to be addressed, this needs to be added to the list.
* Chin: Proposal to initiate a discussion with GENI in at meeting in March.

Next call: 7th January 2015

***Actions:***

**AP1**: Guy to send email on Description Document

**AP2**: Guy to add security discussion to the agenda at GENI meeting.