# Minutes NSI-WG @ GLIF Prague, Sept 2015

***Attendees:***

Guy R.

Tomohiro K.

John M.

Chin G.

Hans T.

Freek D (SURFsara)

Jin Tanaka (KDDI)

Atsuko Takefusa (AIST)

Cees de Laat (UvA)

Alex Moura (RNP)

John H

Gerben M (SURFnet)

Ikeda

Action points:

**CS document changes**

1. Change ‘Service plane’ from ‘Control Plane’ where possible or add explanation, where not possible to change schema
2. Mark up that data plane and transport plane are used interchangeably in the schema
3. Explanation of the word ‘strict’ ero
4. Tomohiro Kudoh to prepare a matrix associating the current error messages with the state-machine fail-transitions and other error conditions

**Backward compatibility**

A hard decision and timeline needed by mid-October on the backward-compatibility option.

1. Get confirmation from openNSA and GÉANT BoD NSA deployment teams on whether they are ok with the preferred option of schema recompile with no namespace change.
2. Determine a timeline for change and notify the GLIF autogole (coordinate flag day)

**Last Modified**

1. Don’t support the *lastModifed* in the context of *queryRecursive*. It will only be supported for the *querySummary*.

**Policy**

Should tree-mode support source based routing only or can it support hop-by-hop based routing?

1. The NSA MUST populate *PathTrace* when confirming a reservation. The content of the *pathTrace* is up to local policy
2. The *PathTrace* MUST be populated on the *reserveConfirm* phase.
3. Note: Digital signing of the *PathTrace* is not be supported in the CS protocol

**Pathfinding and signalling**

1. Tree-based routing MUST support source based path computation. (note: this is enforced through an ero, however, the current ERO cannot prohibit additional path computation by lower level aggregators. E.g. hairpin routing)
2. Tree based routing MAY? Support hop-by-hop path computation
3. Guy to prepare a document template listing all of the implementation issues and decision, for autogole team to complete. Implementer’s guide.

**Outreach**

1. Guy to prepare a 2 page document that introduces the NSI components and how they fit together.
2. Gerben to prepare a short document explaining what autogole is and what it does and how the components fit together. In particular a control plane overview. Software diagrams, components etc. use table from John’s slides, and control plane diagram.
3. Guy to prepare an FAQ document for to go onto NSI github

**Error codes**

1. Guy and John to merge the error code edits made on Wednesday afternoon. See notes from Chin and table from Tomohiro.