**Global Network Advancement Group (GNA-G)**

**Meeting Notes**

v0.2 – DRAFT

**Location:** Tallinn, Estonia (collocated with TNC19)

**Date:** Thursday, 20 June 2019

**Times:** 09:00 – 17:00 hrs EEST

**Proposed Agenda:** <see Annex A>

**Participants:** <see Annex B>

Dale opened the meeting, and welcomed all to the kick-off meeting of the Global Network Advancement Group (GNA-G), the result of the merger of the GNA Technical WG and GLIF. After a quick round of introductions, Dale asked Jim Ghadbane, President and CEO of CANARIE, and proposed as Executive Liaison for GNA-G, to take the lead.

Jim G. introduced the meeting asking “Why are we doing the GNA-G?”.

If you embrace the common challenges of humanity:

* Our mission is critical.
* It advances the state of humanities enablement.
* The Technical community needs to come together to understand what needs to occur to make this real.

GLIF + GNA Technical WG = GNA-G. The formal date of the merger is set to 1 July 2019.

The role Jim has adopted is Executive Liaison:

* The function is to align the executives of our community with what the GNA-G is doing.
* This activity overall needs to be both top down and growing organically from the bottom.
* Our technical depth is second to none, that is what the organic growth comes from.

To be successful we need to embrace:

* Dependency – This is a mutual activity between the regionals, NRENs, and users.
* Democracy – Everyone should have an opportunity to speak.
* Diversity – The regionals, the NRENs, and the users are all very different and we should embrace that.

A clear scope is important:

* To attract the right people to participate.
* To be clear on what we are doing, and what we are not doing.

Ideas to be working on:

* Overall: improve interworking of our R&E networks.
* End-user engagement, to best serve our users, the researchers.
* Future innovation and research – be more than reactive.

After this, Jim opened the floor for questions to be answered by him or the GNA-G co-chairs.

Jeronimo: What does success look like?

* People clambering over each other to join and participate.
* Important work delivered and being used.
* Engagement of the leadership of our organizations.
* Clarity of scope.

David: What do we need to put in place to really make this all be effective?

* Jerry: It would be good to get the senior executives more involved. We should get some of these issues in front of the executives.
* Chris: There are others who also need to be included, this needs to be as inclusive and open as we can be.
* Alexander: This group needs to depend on other organizations like the ANA and APR. It is very valuable to have the courage to rely on other organizations.
* Inder: I spent a lot of time working on the GLIF. This merger is a healthy process. It is sometimes good to step back and see where we need to go. We need to find the common challenges.

Questions to address are multiple:

* How do we interact with the Global NREN Security group?
* How do we ensure inclusiveness for people who aren’t physically here, e.g. Larry Smarr and team?
* How to ensure that our diverse needs are met inclusively?
* Where have we come from – have these original goals changed?

Jim continued saying that the GNA-G is not a CEO Forum directed activity. Again, this is and needs to be an organic community organization. One that looks to find what will be the issues and challenges and opportunities that we all face in the future.

Inder: Challenges. Has there been thought around these issues:

* Technical Development
* Best practices
* Technical implementation and adoption
* All the above

Jerry: These are not just near term but often long-term activities. Some of these problems really do take a certain amount of time to address.

Inder: Important to define the scope in order to attract the right people to do the work. All of this is a time and resource issue. How do we make it valuable?

* It's maybe a second-tier question that needs to be thought about.
* Does not need to be one or the other but we do need to define the scope.

JP Velders: What were the original goals of the GNA and GLIF? Have they changed? Also do not neglect to include the corporate members who have contributed a lot.

We continued with reports from activities in GNA Tech and GLIF. We heard from the following groups:

* GREN Mapping WG
* Virtualization WG
* AutoGOLE WG
* CAE-1, APR, AER, ANA projects
* China exchange point

GREN Mapping WG (slides):

1. Need to work on policy issues.
2. Talk to the AutoGOLE group about NML similarities between the mapping work and AutoGOLE. Sense is also relevant.
3. Work on defining how the data is stored and made available.
   1. This may use similar means to what NSI does.
4. Question about how to distinguish private vs public data.
   1. Needs to be defined yet.

David: Great input but lest not lose track of the original goals of this activity. Take care not to have too much scope creep. Ryan Agreed.

Inder: Should this organization be a repository of information on networking? Can we make NML definition a broader repository of information?

Virtualization WG (slides).

AutoGOLE (slides).

CAE-1, APR, AER, ANA projects (slides).

China GXP project.

The Work Areas of GNA-G include:

* Architecture
* Tools
* Research support
* Operations
* Technical policy
* Futures

Not all areas will have one or more active WG all the time. We create and abandon WGs when we need, when there are volunteers, and when there is energy to jointly work on a topic.

Alexander asked to add work on operational aspects of working within the GREN. Align NOC’s etc.

On Governance, the proposal is that Dale and Erik-Jan from the GNA Technical WG side and David from the GLIF side form the inaugural chairs of GNA-G, to have continuation and to prepare for a governance and oversight schedule. A conversation about possibly changing the oversight model unfolds. The proposal is to review at the TechEx meeting, end of this year. John S. proposes to add the possibility for a fourth (and possibly fifth) co-chair. A suggestion is made to include the co-chairs of the WGs in the activities of the oversight WG. This idea is accepted.

Joe: Why should the three currently proposed co-chairs, be co-chairs?

Erik-Jan repeats that this is proposed for continuation. In light of John S.’s proposal the three co-chairs of GNA-G will come up with a proposal to be discussed in Q4 of 2019. While this needs to be done, the real work of the GNA-G needs to move in parallel and progress needs to be made.

Potential new groups were identified:

Eduardo: Use cases:

* Automated setup of LHCONE style VRF’s globally.
* Packet differentiation – routing at layer 7.

Lars:

* NSI interoperability & operations coordination group needs to be formed. All the participating members should propose a participant. Meet regularly.
* Virtualization vision is very good. However there needs to be a parallel group driven by use cases and focused on the short term: Practical implementation of virtual environments.

Work on the Governance activity and issue a call for volunteers in the next several weeks.

Next Meetings: We agree that the Working Groups can meet at the following events:

* The day after the GRP meeting in San Diego, CA, USA in September 2019.
* During TechEx in New Orleans, LA, USA in December 2019.
* During APAN49 in Kathmandu, NP in February 2020.

The next full GNA-G meeting will be scheduled to take place in Washington, DC, in March/April 2020, co-located with the Internet2 Global Summit 2020.

At 17:00 hrs EEST, Dale thanked all for their participation and closed the meeting.

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**Annex A – Proposed Agenda Tallinn GNA-G Meeting**

**Global Network Advancement Group (GNA-G)**

**Tallinn Agenda**

**v0.3**

Location: Tallink Spa & Conference Hotel (see below)

Conference Room: Romantika

Date: Thursday, 20 June 2019  
Times: 09:00 – 17:00 hrs EEST

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| **Start** | **Agenda topic** | **Lead** |
| 09:00 | Opening, welcome, agenda bashing | Dale |
| 09:05 | Introductions | Dale |
| 09:15 | GNA-G Direction Setting:   * GNA Tech WG & GLIF merger * Purpose and goals of GNA-G | Jim |
| 10:30 | Coffee break |  |
| 11:00 | Ongoing work from GNA & GLIF:   * Reports from existing WGs: Mapping & Virtualization & Exchange Point work & AutoGOLE * Tracking GREN activities, reports from ANA, APR, AER (one quick update) | David & Dale |
| 12:00 | Governance Model for GNA-G (rotating co-chairs, attracting people, working areas, working groups in areas, ToR etc.) | EJB & David |
| 12:45 | Lunch |  |
| 13:30 | Identifying Work Ahead:   * Defining Working Areas and Groups to initiate the work * Ideas for new WG * Liaising with the GRP work | EJB & Dale |
| 15:00 | Coffee break |  |
| 15:30 | Summarizing and Putting It All Together | David |
| 16:15 | Communication:   * Mailing lists * Website | EJB |
| 16:30 | Next meetings | EJB |
| 16:45 | Any Other Business | EJB |
| 17:00 | End of meeting | Dale |

Registration:

Please register for participating in the GNA-G meeting using this link:

<https://events.nordu.net/conference/register.action?key=GNAGTNC19>

Location details:

Tallink Spa & Conference Hotel

Sadama 11a

10111 Tallinn

Estonia

Phone: +372 630 1000

Web: <https://www.tallinkhotels.com/tallink-spa-conference-hotel/>

The Tallink Spa & Conference Hotel is located within a 5-minute walk from the TNC19 venue.

**Annex B – Participants GNA-G meeting Tallinn 20 June 2019**

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