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Tue, 10 December 2024

Internet2 Technology Exchange TechEX24, Boston, MA, USA

Agenda



1. Welcome, introduction – **Ivana Golub**, PSNC
2. Welcome from the host – **Howard Pfeffer**, Internet2
3. Update from the Leadership team - **Ivana Golub**, PSNC
4. Collaborative platforms – presentations:
 - perfSONAR – **Andrew Lake**, ESnet
 - MetrANOVA – **Edward Balas**, ESnet
 - Global Platform for Labs – GP4L – **Sonja Filiposka**, UKIM
5. Discussion

Our vision



A unified global advanced network infrastructure to support the unique needs of research and education.

Communicate, Contribute, Collaborate

Global Network Advancement Group

Gathers experts worldwide around topics of their interest

Provides a platform to:

- **Communicate:** share information, experience, knowledge
- **Contribute:** establish working groups around immediate opportunities
- **Collaborate:** establish peer-liaison around common goals and initiatives

Organising periodic community meetings

Working groups



GNA-G Working Groups

GNA-G Working Groups



1. AutoGOLE/SENSE: autogole@lists.gna-g.net
2. Data Intensive Science: gna-dis-wg@lists.gna-g.net
3. GREN Map: gren-mapping-wg@lists.nordu.net
4. Network Automation: network-automation@lists.gna-g.net
5. Routing: routing-wg@lists.gna-g.net
6. GREN Engineering Advancement: gren-engineering-wg@lists.gna-g.net
7. Securing the GREN: securing-the-gren-wg@lists.gna-g.net
8. Global LEOsat: global-leosat-wg@lists.gna-g.net
9. NomCom: nomcom@lists.gna-g.net

Proposed in Sep 2024:

1. GREN Resilience: gren-resilience-wg@lists.gna-g.net

<https://www.gna-g.net/working-groups/>



GNA-G Community Meetings

- *Past* -

2024 Past Meetings

GNA-G Community VCs Q1 2024

February 13, 2024 6:00 am-February 15, 2024 8:00 pm

GNA-G Community Meeting at SuperComputing Asia 2024

February 21, 2024 5:00 pm-February 21, 2024 6:00 pm
International Convention Centre Sydney, Australia - Meeting room C2.5

GNA-G Community Meeting at the 2024 Internet2 Community Exchange

March 5, 2024 12:00 pm-March 5, 2024 1:00 pm
Chicago, IL, Room – Erie (2nd Floor)

GNA-G Update at APAN58

August 27, 2024 9:00 am-August 27, 2024 10:30 am
APAN58, Islamabad, Pakistan - Kehakshan - I

GNA-G Network Automation Working Group Side Meeting at TNC24

June 10, 2024 9:00 am-June 10, 2024 12:30 pm
TNC24, Rennes, France

GNA-G Community Meeting at TNC24

June 10, 2024 2:00 pm-June 10, 2024 5:30 pm
TNC24, Rennes, France

GNA-G Community VCs Q4 2024

November 12, 2024 6:00 am-November 14, 2024 10:00 pm
Online, using Zoom

GNA-G Community Meeting at SC24

November 20, 2024 12:00 pm-November 20, 2024 2:00 pm
Georgia World Congress Center, Atlanta, GA, USA Room B407 (capacity for 40-45 persons)

GNA-G Community VCs Q3 2024

October 29, 2024 6:00 am-October 30, 2024 8:00 pm
Online, using Zoom



GNA-G TechEX24 Theme:

Collaborative Platforms

Why Collaborative Platforms @TechEX24



The concept and good examples in the GREN community for (at least) 20 years

Collaborative model based on sharing resources: HW, SW, human, time, data, ...

Sources in more than one domain/organisation

Platforms provided within and cross-domains

Users from different domains accessing service resources in more than one domain

Value and advantages stronger than concerns

Distinguishes GRENs among other service and infrastructure providers

More (and more) examples coming

Learn from examples and experience, learn by doing



perfSONAR
Andrew Lake, ESnet



MetrANOVA

Edward Balas, ESnet



Global Platform for Labs - GP4L

Sonja Filiposka, UKIM



Discussion

Your experience in using collaborative platforms

Best practices / policies

Best practices

Any limitations, challenges, concerns:

In **using** or in **joining** collaborative platforms

**Limitations
Concerns
Challenges**

Ways to:

Make the platforms more accessible to interested parties

Encourage collaboration and knowledge sharing between users

Foster stronger partnership between the partners

Promote user participation and contributions

**Partnership
Contribution
Collaboration
Uptake**

How will **future trends and challenges** shape our efforts?

Future work



GNA-G Community Meetings

- *Future* -

GNA-G Community VC



Last VC in 2024

- VC #1: Tue 17 December – 6-8am UTC
- VC #2: Thu 19 December – 6-8pm UTC
- Theme: SC24
- Agenda: TB Confirmed

Plan to continue with Quarterly VCs

Side Meetings in 2025 - Save the Date!

- TNC25 - Friday 13 June, 09:00-12:30

<https://www.gna-g.net/meeting/>



Participate!

Visit our website:

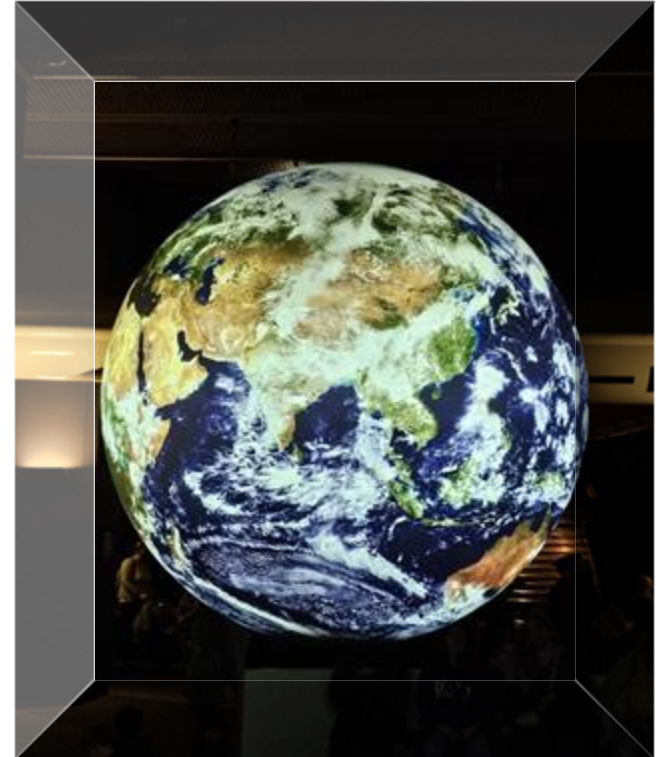
<https://www.gna-g.net>

**Chat on the GNA-G Community
mailing-list all@lists.gna-g.net**

Attend GNA-G Community meetings

<https://www.gna-g.net/meeting/>

Join our working-groups





Thank you!