

Spiral 2 Year-end Project Review

International Networking

IN @ IU

Indiana University

Institution: Indiana University

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K-GENI has two related parts.

1. Development of a “playbook” for connection to GENI by international networks (organizations that are generally not familiar with the US national network structure and the options that NLR and Internet2 offer for GENI connectivity).

S2.d – S2.g

2. Establishment of operational linkage between the GMOC, located at Indiana University and the dvNOC located in Korea (managed/developed by ETRI/KISTI). S2.a-S2.c

Milestone & QSR Status

ID	Milestone	Status	On Time?	On Wiki?	GPO signoff?
a	PoC for Response and Escalation	Done	Late	Yes	Yes
b	Network Selected	Done	Late	Yes	Yes
c	ETRI-IU connection live	Done	Late	Yes	Yes
d	Playbook Version 1.0	Done	Late	no	
e	Playbook Review Complete	Started			
f	Playbook Version 2.0	Pending e above			
g	Playbook 2.0 Review Complete	Pending e and f above			
e					

Accomplishments 1: Advancing GENI Spiral 2 Goals

- GENI Spiral 2 Goals are described in “[GENI Spiral 2 Overview](#)”, section 7. Project SoWs and milestones were crafted to support those goals. On this slide, summarize project accomplishments this year that contribute to the Spiral 2 goals.
 1. Development of a “Connecting to GENI” white paper outlining the Internet2 and NLR networks, the GENI project and offering guidance for international networks that may wish to connect to GENI.
 2. Established initial connectivity between the dvNOC and the GMOC for the purpose of developing joint operational tools.

Accomplishments 2: Other Project Accomplishments

- On this slide highlight additional project accomplishments that contribute to GENI's development.

The dvNOC and GMOC collaboration has developed far beyond the simple interconnect initially proposed in K-GENI. This activity will continue. As the issues currently being discussed by the collaboration is very operational and detailed this portion of the work [dvNOC-GMOC operational integration] will transfer to the GMOC project.

See the Plans slide.

- On this slide summarize any issues which cause you concern. The GPO is particularly interested in any issues which have or may affect your ability to complete the work described in your SoW/milestones. However, this is a chance to raise other issues as well.

- None.

- What are your plans for the remainder of Spiral 2?

The work as described in the development of the “playbook” is essentially complete. With review and editing, the portion of the project will conclude. However, the interaction between the dvNOC and the GMOC will continue with funding and support provided by ETRI/KISTI and Indiana University. Staff from the GMOC will be visiting Korea in August 2010 to work with the ETRI/KISTI group to refine the remote installation of the GMOC.

Currently, the dvNOC and the GMOC are exchanging topology data and SNAPP usage data for PlanetLab installations. For GEC9 the GMOC-ETRI/KISTI plans to expand this data exchange and add ORCA SNAPP data. Details to be determined during the GMOC visit to Korea.

As the “playbook” portion of the K-GENI project is complete (pending some editing and review), the remainder of the activity will transfer to the GMOC and become a part of the GMOC ongoing activity/project.

- The GPO is starting to formulate goals for Spiral 3. What are your thoughts regarding potential Spiral 3 work?

The interaction between the dvNOC and the GMOC is valuable and ongoing. It should be encouraged in Spiral 3. ETRI/KISTI is the major funder of this activity and they should be acknowledged and encouraged. Indiana University will support this activity, to the extent possible, from internal funds.