

Demonstrations Planned for FABRIC/National Research Platform Workshops and OFC

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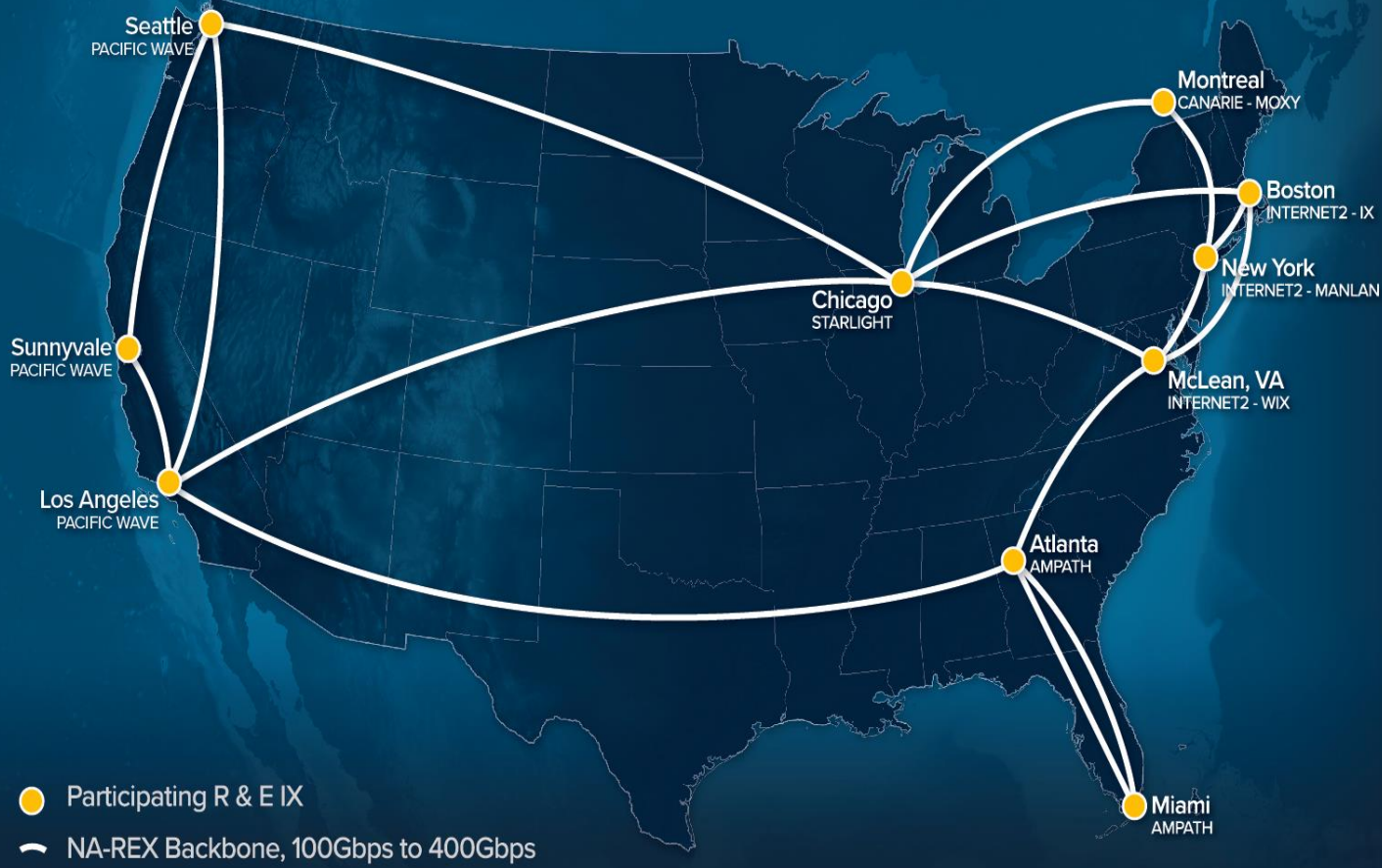
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PI: StarLight SDX, Co-PI Chameleon, PI-iGENI, PI-OMNINet

**JET Meeting
Chicago, Illinois
March 7, 2024**



NA-REX North America Research & Education Exchange Collaboration

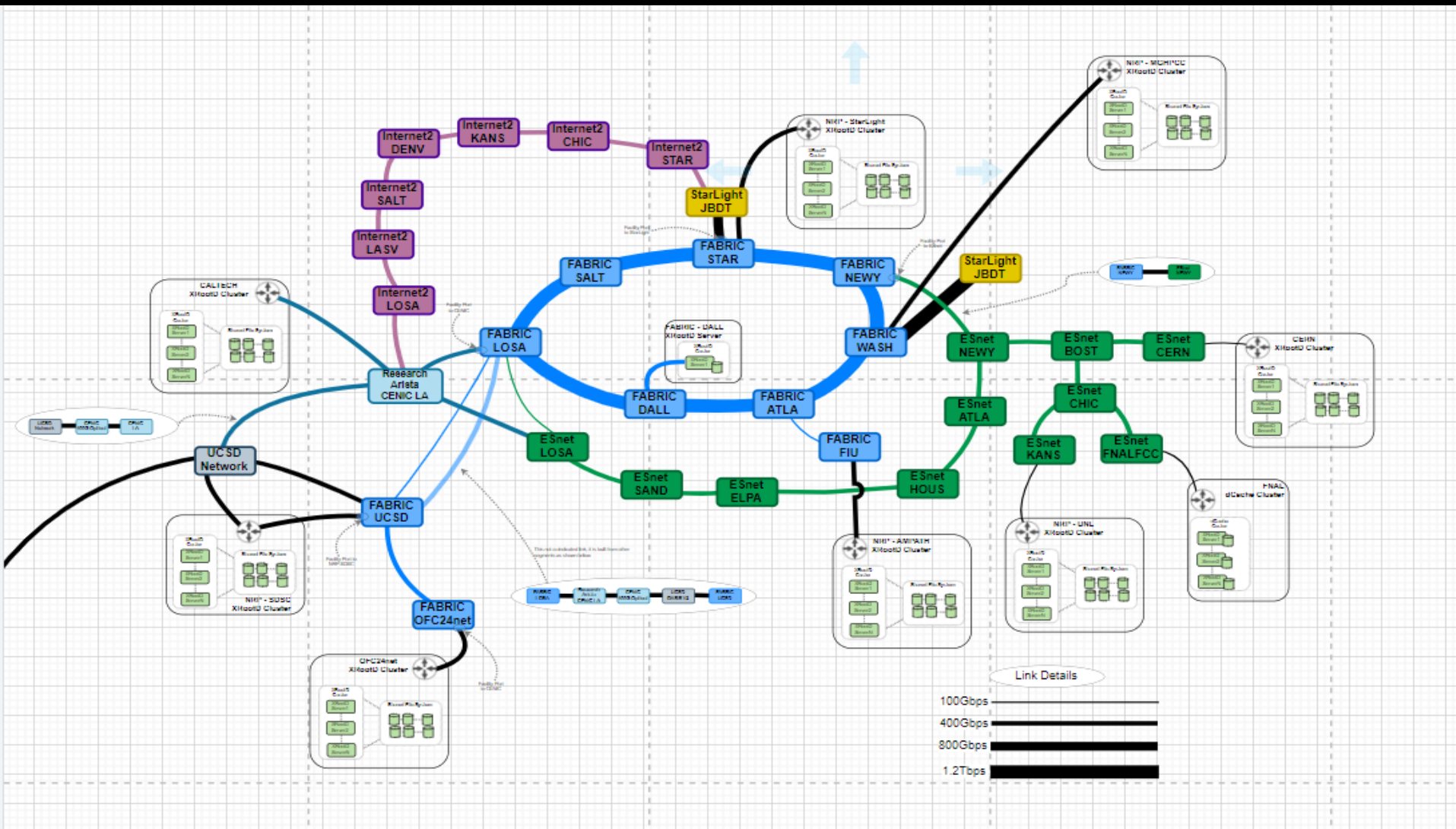


- Participating R & E IX
- NA-REX Backbone, 100Gbps to 400Gbps



November 2023

NRP+FABRIC



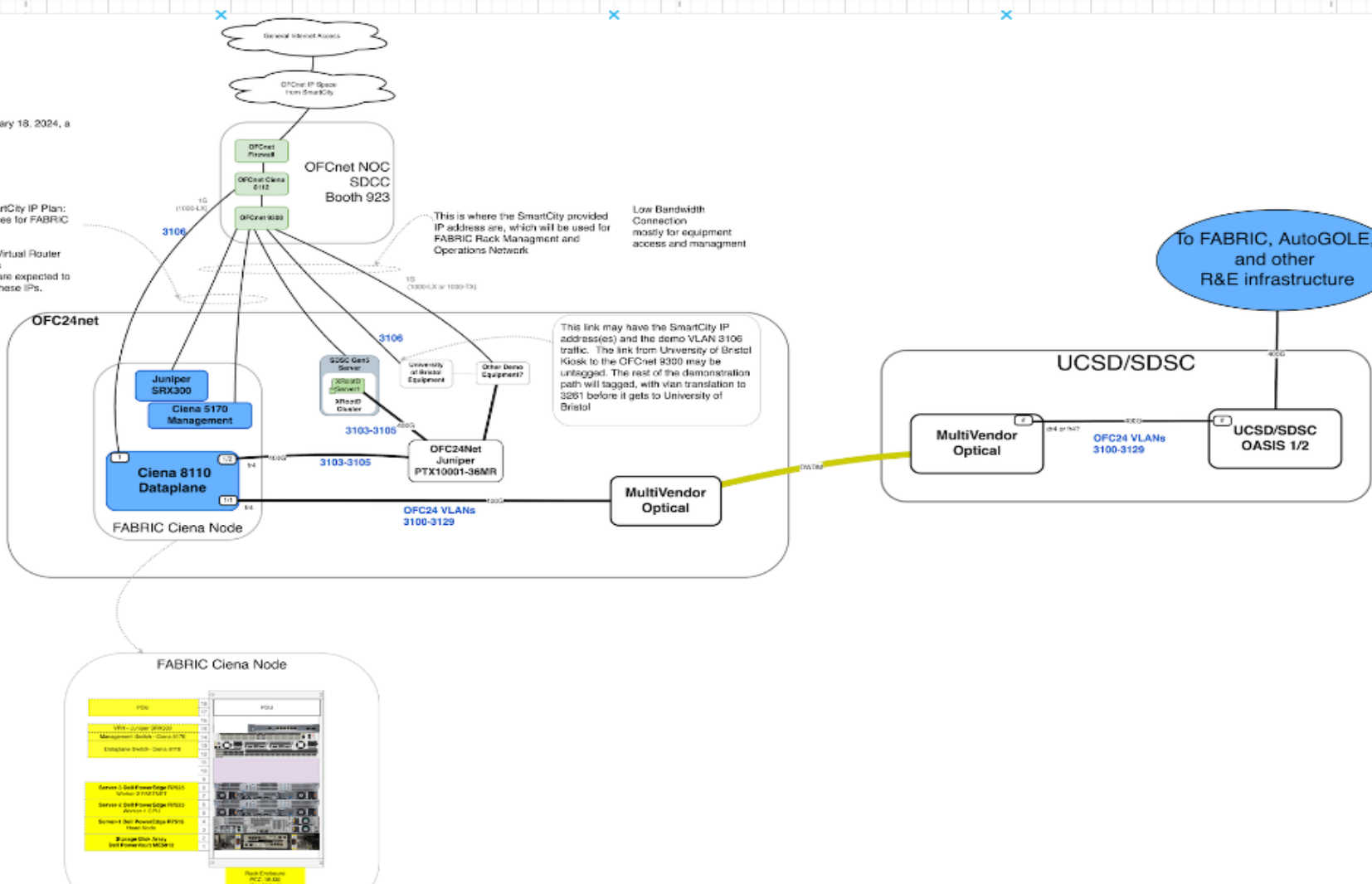
Source: Tom Lehman

STARLIGHTSM

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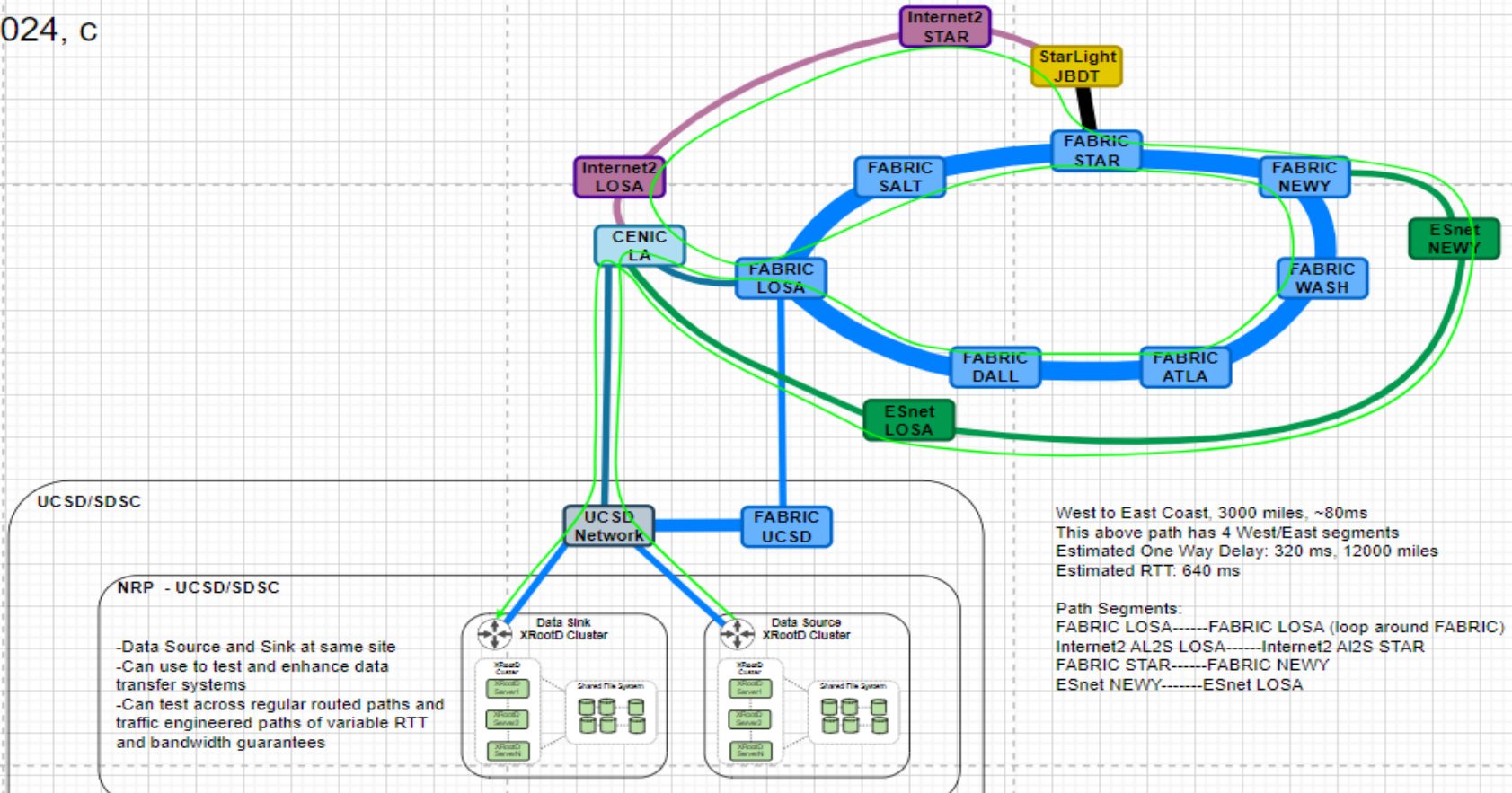
FABRIC SmartCity IP Plan:
-5 IP addresses for FABRIC SRX300
Headnode
Open Stack Virtual Router
2 IPs for VMs
-no firewalls are expected to be inline for these IPs.

VLAN Demo Assignments:
3100-3102: FABRIC Infrastructure
3103-3105: SDSC Gen5 Server
3106: Bristol



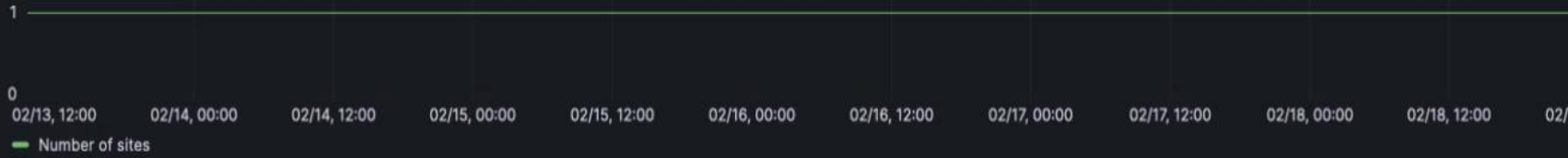
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Example Topology for Testing, Research, Development Data Management and Movement Systems



Data Challenge 2024

1



WLCG Site Network Input/Output



Annual Global Research Platform Workshop – Co-Located With IEEE International Conference On eScience Oct 9-10

'23 eScience

October 9-13, 2023 *Next Global Research Platform Workshop*
Limassol, Cyprus *Osaka University, Osaka, Japan,*
co-located with eScience Sept 16-19, 2024

IEEE eScience 2023 brings together leading interdisciplinary research communities, developers and users of eScience applications and enabling IT technologies. The objective of the eScience Conference is to promote and encourage all aspects of eScience and its associated technologies, applications, algorithms and tools with a strong focus on practical solutions and challenges. eScience 2023 interprets eScience in its broadest meaning that enables and improves innovation in data- and compute-intensive research across all domain sciences ranging from traditional areas in physics and earth sciences to more recent fields such as social sciences, arts and humanities, and artificial intelligence for a wide variety of target architectures including

Important Dates

- February 16-20, 2023 Friday, February 24, 2023
- Friday, May 26, 2023 Paper Submissions
- Friday, June 30, 2023 Notification of Paper Acceptance



"Any opinions, findings, conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the Networking and Information Technology Research and Development Program."

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