



AARCLight

Americas Africa Research and eduCation
Lightpaths

GLIF Americas Working Group

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- Aims to define a strategy for research and education network connectivity between the US and West Africa
- Aims to coordinate planning efforts among stakeholders in the U.S., Africa, and Brazil
- Aims to create economies of scale
 - making use of the offered spectrum
 - towards serving the broadest communities of interest in research and education



Planned Activities

- Knowledge sharing between the network engineers
 - Increase understanding of where network aggregation is developing or planned
 - Representation of the network between Africa, Brazil, U.S.
- Engaging science communities
 - Explore focused workshops with U.S. and African researchers
 - Engage early adopters
 - Increase understanding of needs for network and e-Infrastructure resources
- Developing a strategy for research and education network connectivity between the US and Africa



Some Activities

- Presentations about the AARCLight project, about SDN and SDX were made at UbuntuNet 2016 and WACREN 2017
 - *Responding to the demands of big data scientific instruments through the development of an International Software Defined Exchange Point (SDX)*
- Presentation about the importance of SDX submitted to the 2017 UbuntuNet meeting
 - *Facilitating content distribution in Sub-Saharan Africa through Software-Defined Exchange Points*
- Meetings with African NRENs to discuss collaboration and ways of leverage the new links and exchange points in Angola and Fortaleza/Brazil

Thank You!
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