



perfSONAR Deployment Survey

Internet 2 Fall Member Meeting

October 2011

South Asia Emerging NREN Regional Interest Group
& Performance WG

perfSONAR?

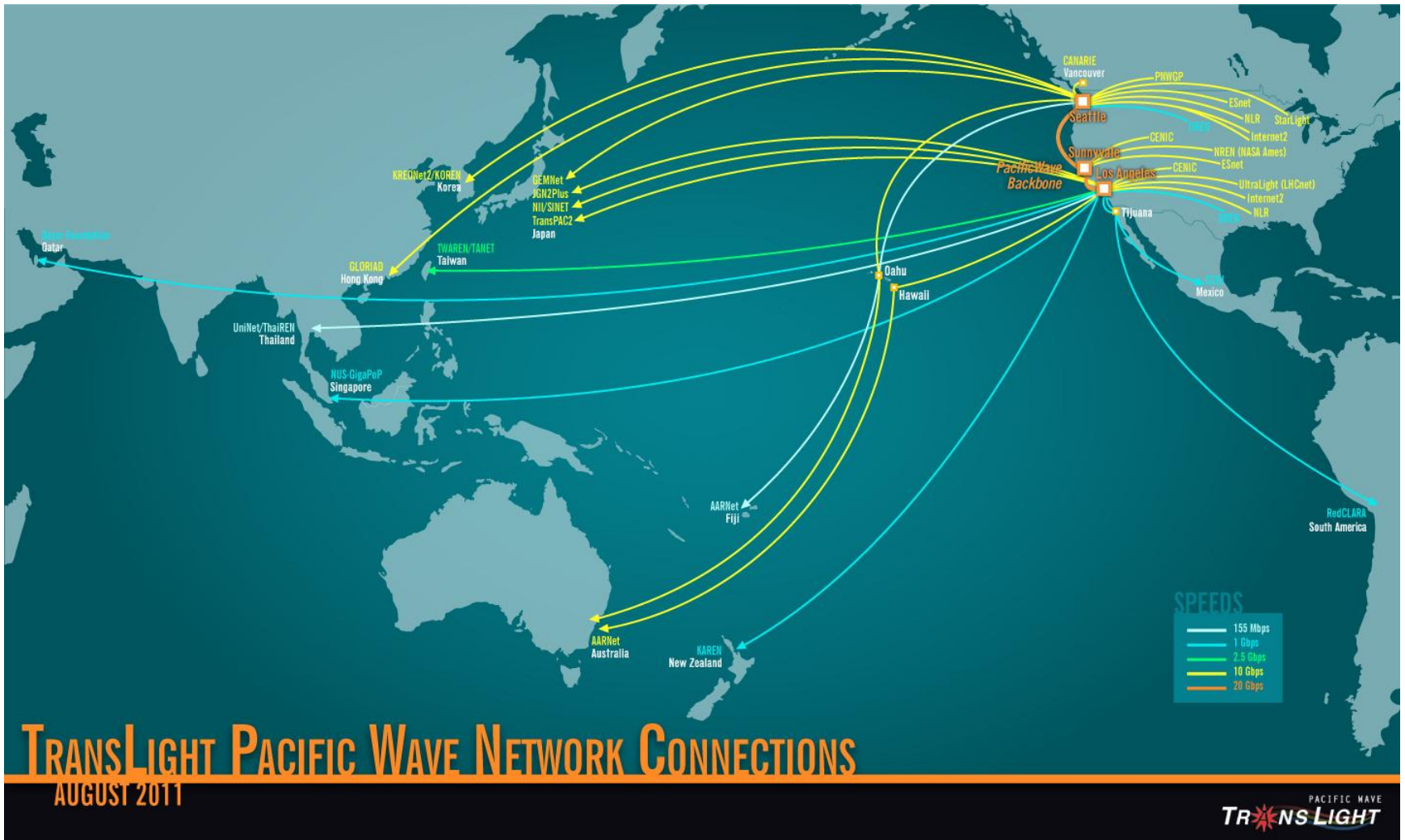
- perfSONAR is an infrastructure for network performance monitoring, making it easier to solve end-to-end performance issues that cross several networks.
- perfSONAR has been found to reveal undetected bandwidth-limiting problems.
- The more measurement points that exist, the easier locating the problems becomes.

TL/PW Background

- The IRNC project Translight Pacific Wave (TL/PW) is surveying the Asia Pacific region to find out where NREN's are in their deployment of perfSONAR so that they can better facilitate its usage and provide feedback to the developers.
- TL/PW is also working with other groups that are collecting similar information.

Connected to Pacific Wave....

- 27 networks representing
 - 38 countries
 - Asia (14)
 - The Americas (15)
 - Europe (7)
 - The Middle East (2)
- Multiple US National R&E and Fednet networks (6)



The Survey

- We created a very quick survey to find out:
 - which networks have already deployed perfSONAR
 - which networks are planning on deploying perfSONAR
 - which networks are NOT planning on deploying perfSONAR and why not.
- It takes less than five minutes to answer all the questions.

The questions

- Name of network (or ASN)
- Whether you've deployed perfSONAR or not
- If you have, some questions about the implementation
- If you have not, some questions about your plans
- What other types of tools are you running
- To which sites you'd like to test
- Obstacles to deployment

Survey location

- You can find a link to the survey on the Pacific Wave website main page.
 - www.pacificwave.net
- You can use the link to the USC site directly
 - https://uscits.qualtrics.com/SE/?SID=SV_1N3MrbXZQ7E8k72

Acknowledgements

- Thanks to the TLPW perfSONAR club for their feedback and guidance.
- Thanks to ESnet and Internet2 for their assistance.
- Thanks to USC ITS for use of their Qualtrics survey platform.

More information

■ About perfSONAR

- <http://www.perfsonar.net/>
- <http://fasterdata.es.net/fasterdata/perfSONAR/>

■ About Pacific Wave

- <http://www.pacificwave.net/>

■ About Translight Pacific Wave (TLPW)

- <http://www.pacificwave.net/translightpacificwave/>

■ Contact us at info@pacificwave.net.