



NSF Campus Cyberinfrastructure PI and Cybersecurity Innovation for Cyberinfrastructure PI Workshop

September 24-26 | University of Maryland, College Park, MD

NSF Program (either CC or CICI): CC

Program Area: Network Design Award Number: 1659182

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Project Title: CC* Network Design: Upgrading the University of Guam Network to Connect to Internet2 and Create a Science DMZ



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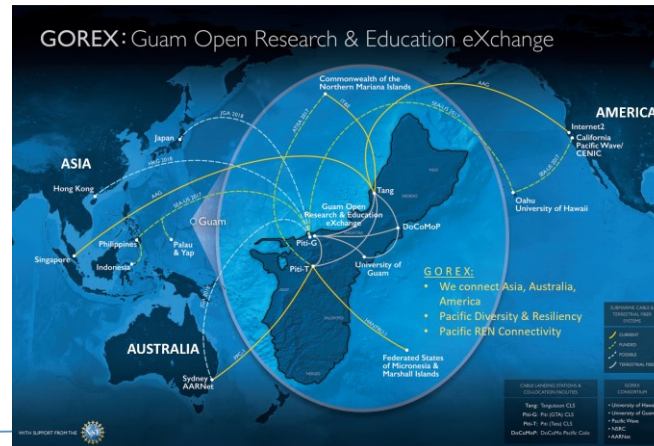
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Quad Chart for: *CC* Network Design: Upgrading the University of Guam Network to Connect to Internet2 and Create a Science DMZ - Guam*

Challenge:

- Lack of institutional Research and Education Network Connectivity (previous connection: 150 Mb)
- Inadequate Campus Network Design
- Lack of CyberTeam with R&E Networking knowledge and experience



Broader Impact:

- UoG will get access to 10Gb R&E Network Connectivity via Science DMZ and UH SEA-US 100 Gb circuit.
- University CyberTeam will enable researchers to focus on science rather than connectivity.
- CyberInfrastructure Plan will ensure UoG implements CI Best Practices

Solution(s):

- **CyberTeam** – Work with leadership institutes to develop the skillsets
- **CyberInfrastructure Plan** – Work with leadership institutes to implement best practices
- **CyberConnectivity** – Work with leadership institutes to establish ultra-high-speed global REN connectivity through GOREX



Metadata tag:

- [GOREX](#)
- [University of Hawaii – PIREN](#)
- [Network Startup Resource Center](#)
- [UoG NSF CC* Network Design Project](#)
- [Guam EPSCoR Project](#)
- [NSRC Campus Network Design Training at UoG](#)