



NSF Campus Cyberinfrastructure PI and
Cybersecurity Innovation for Cyberinfrastructure PI Workshop
September 23 – 25, 2019 | Minneapolis, MN

NSF Program (either CC or CICI): CC*

Program Area: Network Design

Award Number: 1827243

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Project Title: Improve Network on Campus for Research and Education in Agriculture, Science, and Engineering at Prairie View A&M University (PVAMU)



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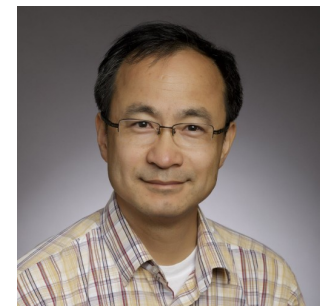
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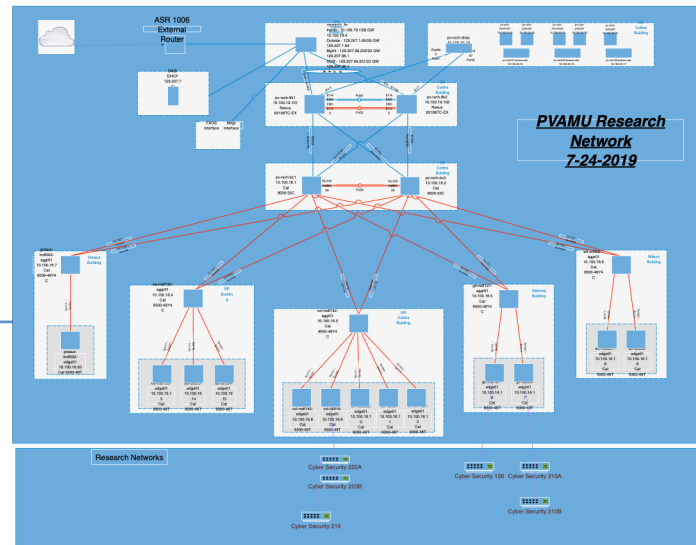
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Quad Chart for:

Improve Network on Campus for Research and Education
in Agriculture, Science, and Engineering at Prairie View
A&M University (PVAMU)

Challenge Project Seeks to Address:

- The network at PVAMU can not support data intensive research
- PVAMU Lacks of educational resources in big data transmission for graduate and undergraduate students



Solution(s) or Deliverables:

- Implement a science DMZ to improve network on PVAMU campus for research and education
- Establish collaboration among researchers
- Provide training to faculty and students on big data analytics

Scientific Impact or Broader Impact: <pick one>

- The network will enable potentially transformative scientific research
- Undergraduate and graduate education will be enhanced at PVAMU
- Workshops are provided to a wider academic community

Metadata tag:

- *The design of the network is completed. Installation and implementation will be conducted in the next few months*
- *More research grants are needed to utilize the improved network*
- *Need support for education and outreach activities in the region around PVAMU*