

Summary and discussion points

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Summary

- Data Intensive Science is important!
 - Our world is complex and changing rapidly.
 - IT systems have a very real impact.
- Scientists need supported clean network infrastructure to solve today's pressing issues.
 - Wide range of scientific disciplines rely on networking infrastructure to exchange vast amounts of data.

Summary

- Funding: Our national funding agencies need networking infrastructure deployed in a coherent & cohesive fashion to maximize their investments.
- Broad institutional transformation is needed.
 - Must meet the challenges of creating an environment conducive to data intensive science.
 - Everyone in the organizations don't 'Get it.'
 - Learn to tell your stories – well.

Summary

- Success Stories in deployment
 - Campuses
 - National Labs
- Hurdles still exist
 - Need to change the nature of the conversation and broaden the scope of the participants and contributors.

Conclusion

- Create a coalition of the willing
 - Set of Universities, National Labs, of sufficient critical mass to create transformative environment to support data intensive science.
 - Must create environment to encourage innovation while encouraging coherence to support scientific disciplines scattered across the globe.
- Cohesive, cost-effective 'call to action' is our goal.

What comes next?

- Whitepaper summarizing today's results and suggestions on next steps.
- Engaging the community.
 - Take this message back to your campus, lab, etc.
- With a coherent & cohesive action we can create a new interoperable environment in willing campuses & labs.

Questions/Suggestions/Discussion