What are NRENs for?

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What do I do?

- Network systems
- Do experiments
- Build stuff
- Break stuff
What is my interest (bias)?

Networked Systems Research

NREN
Networked Systems Research [1]

- Grid/e-Science/e-*: may require development of new networked & distributed systems
- Cannot always use modelling or simulation
- Simulation cannot capture all behaviour
- Real systems are complex
- Some behaviour may be emergent
- So … we need to do real experiments
Networked Systems Research [2]

• Need to make **controlled changes** to systems & run ‘non-standard stuff’
• Need to **monitor and measure**
• Need to be able to make **mistakes** (!)
• Experiments are likely to be **disruptive**
• But … **no large experimental testbeds** are available for such experiments
What are NRENs for?

Q: What are NRENs for?
A: Providing a platform for and supporting disruptive systems research.