The Challenge

And the NC Response
The Challenge

• What does this community need?
• What do the next generation of NOC tools and/or Advanced User tools look like?
NC Response

• A lot of feedback about NDT
  – From campuses we serve as well as from our NOC
• A little feedback about other tools
Advanced User Tools (NDT)

• UDP test capability as well as TCP
• Possibility of maybe three different packet size offerings
• Ability to toggle jumbo frames enabled/disabled or some other indication that end-to-end jumbo frames is enabled
• Ability to configure the length of time per test
  – Since some ISPs can use packet shaping to detect a bandwidth test and temporarily allocate more bandwidth
Advanced User Tools (NDT –Cont)

• Java windows seem buggy; can’t copy and paste from them
• Consider an HTML 5 version frontend or at least one that doesn’t require Java
• Ideally, an NDT client that would run on the iPhone, iPad, other iThings would be nice.
• NDT. It's better than nothing but it could use some updating. In particular I have noticed newer versions of Java do not allow a person to cut and paste results. Also when it tries to predict the slowest link in the path sometimes it guesses wrong.
NC Response (Other)

• How will the R&E toolset interact with and take advantage of products in our networks that support the Metro Ethernet Forum OAM standards?

• What does the move to SDN imply in terms of performance tools?