

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?