# Science DMZ Architecture and Security Posture Handout

All Science DMZ resources are available on the fasterdata website:

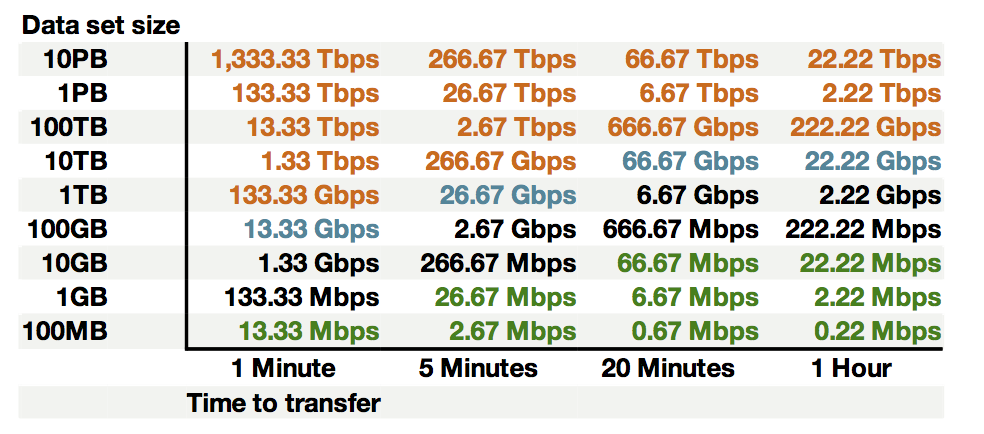
<http://fasterdata.es.net/science-dmz/>

Network Cases Studies for Scientific Users:

<http://es.net/about/case-studies/science-dmz-case-studies/>

Setting Expectations

<http://fasterdata.es.net/fasterdata-home/requirements-and-expectations/>



Science DMZ Core Components

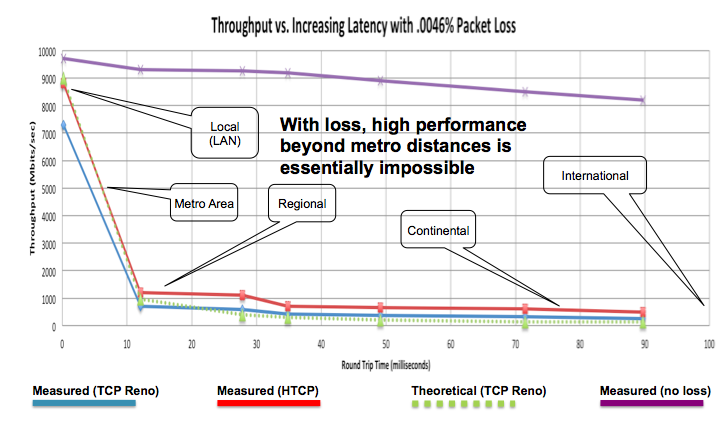
Architecture: <http://fasterdata.es.net/science-dmz>

Data Transfer Nodes: <http://fasterdata.es.net/science-dmz/DTN/>

perfSONAR: <http://fasterdata.es.net/performance-testing/>

Science Engagement: <http://www.es.net/contact-us/>

Working with TCP

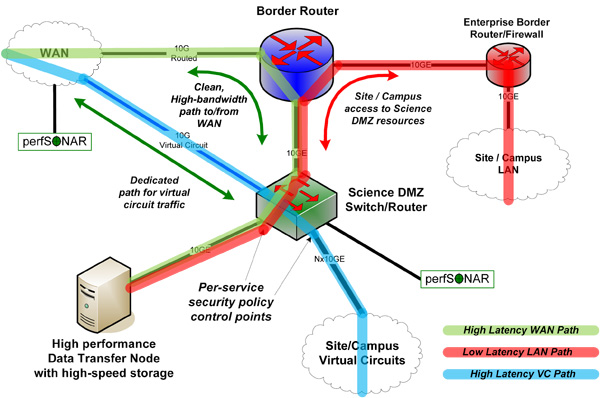


Soft Network Failures

<http://fasterdata.es.net/performance-testing/perfsonar/perfsonar-success-stories/>

Science DMZ Architectural Considerations

<http://fasterdata.es.net/science-dmz/science-dmz-architecture/>



Sensible Security Posture for Science

<http://fasterdata.es.net/science-dmz/science-dmz-security/>

# Data Transfer Node Handout

All data transfer node resources are available on the fasterdata website:

<http://fasterdata.es.net/science-dmz/DTN/>

Hardware Selection

<http://fasterdata.es.net/science-dmz/DTN/hardware-selection/>

System Tuning & Benchmarking

<http://fasterdata.es.net/science-dmz/DTN/tuning/>

Data Transfer Software

<http://fasterdata.es.net/data-transfer-tools/>

# perfSONAR Handout

All perfSONAR resources are available on the fasterdata and perfSONAR websites:

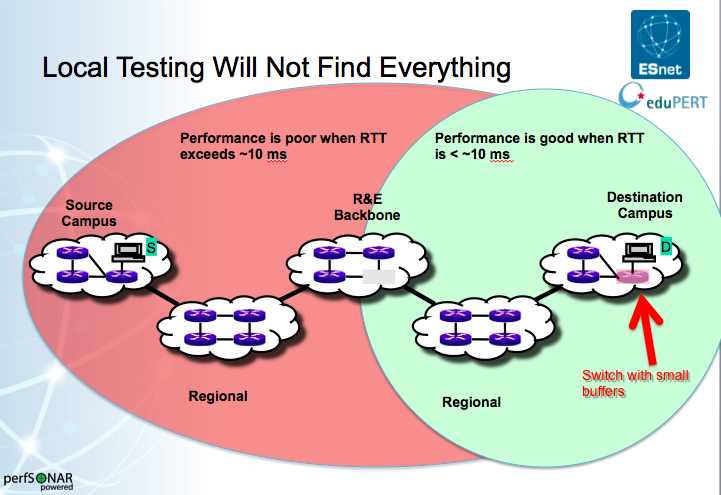
<http://psps.perfsonar.net>

<http://fasterdata.es.net/performance-testing/>

Purpose of Test and Measurement Infrastructure

<http://fasterdata.es.net/performance-testing/network-performance-howto/>

Location of Common Network Problems



Introduction to perfSONAR

<http://fasterdata.es.net/performance-testing/perfsonar/>

perfSONAR Deployment and Directory System

<http://stats.es.net/ServicesDirectory/>

Use Cases

<http://fasterdata.es.net/performance-testing/perfsonar/perfsonar-success-stories/>

Impacts of Network Performance on Testing Tools

<http://fasterdata.es.net/performance-testing/network-emulation/>

Regular Testing Overview

<http://fasterdata.es.net/performance-testing/perfsonar/perfsonar-dashboard/>

Selecting Hardware

<http://psps.perfsonar.net/toolkit/hardware.html>

Configuring Tests

<http://psps.perfsonar.net/toolkit/start.html>

Dashboard Software

<http://ps-dashboard.es.net>