

# Welcome and Intro

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# Not our first rodeo...

MULTICORE-MANYCORE

AWS/ESnet

MCORE QUEUES



SOFTWARE PERFORMANCE



OPENSTACK



XROOTD HTCONDOR

ANALYTICS

EVENT SERVICE

VIRTUALIZED FACILITIES

WAN DATA ACCESS

FAX LIFE WITHOUT ESD



CVMFS

OPPORTUNISTIC T3 in a BOX

HPC TIER3ZILLA

LIFE WITHOUT AOD

PerfSONAR



ScienceDMZ LHCOne



T3IC CONNECT

# US ATLAS Facility

Demonstrably the best

- To protect it
  - Keep on innovating
    - Containers, SDNs, event streaming, analytics
  - Manage it as one federated resource
    - Share policies, tools, **people**
  - Optimize procurement
    - Horses for courses
    - Borrow/lease what you can, own what you must

SDNs, Xrootd, Osiris

Analytic



CLEMSON

Event Service, BigPanda

Centralized T3, Elastic Cloud  
Costing, Provisioning