

# NDGF site news

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# Overview

- News
- Current focus
- Central services
- Future plans



# Site news

- Central operations
  - Big focus on getting pre-production and experimental dCache environments running well to be able to test stuff out properly
  - Modernizing stuff as we ansiblize them
  - Sysadmin access to our systems through bastion host with MFA and ssh certificates
- Moved to webdav/https for ATLAS data access
- Introducing bits and pieces of FitSM
  - Especially external-facing bits in order to handle new users
  - Largely on hold due to the evaluation





# Current focus

- Switching from Ganglia to Prometheus+Grafana
- Improve site tape performance
- PerfSonar deployment to all our sites
  - Just need responses to our site survey, so we can send out hardware!
- Starting to plan how to scale to HL-LHC levels
  - Factor 10-20 data compared to now
  - Starting at 2027
  - See presentations at Computing and Storage sessions



# Future plans

- Near future: more automation
  - CI/CD with the coderefinery gitlab
  - Ansible towers
- Engage with WLCG for the HL-LHC challenge and changes to services
  - New AAI schemes based on tokens
- Get some more users to make the services a bit more cost effective
  - 6 experiments using dCache for storage should take 150-200% staff effort







# Questions?