

# The Background

- 2020 CI CoE Pilot interviews of MF managers and staff
- Cloud infrastructure emerged as a major theme
- Curiosity, uncertainty, and ambivalence about cloud led to...



# Cloud Infrastructure Working Group

# The Charge

- Understand the current Cloud practices of MFs
- Research alternative solutions
- Keep up with emerging cloud technologies
- Develop recommendations to inform the MFs

# The Challenge

- Most MFs around longer than Cloud
- Much infrastructure already built out
- Need to follow current mandate
- Concerns about cost
- Migrating legacy data
- Training requirements
- Change...







# Bob Flynn

Internet2



# Evolution

- Target audience?

- First-hand experiences

- Debate

- Removal of bias

- Consolidate





# What does it

- Cloud Opportunities for MFs
- Cloud Providers
- Cloud Deployment Options
- Cost Considerations
- Navigating Vendor Lock-in
- Training: Cloud-ready Workforce

# Key Take-aways

- Cloud is a valuable tool for MFs
- Great potential, but unlikely a complete solution
- Challenges: cost, unique hardware, culture, and skill gaps
- Training is needed before informed decision-making can happen

# Next Steps?

- MF Cloud Workshop in 2024?
- Hands-on trainings
- Engage with other cloud research conversations and events



**Questions?**



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