ESGF Mtg Outcomes
Mtg time

- Look for a time between Oct-Nov (pref Sept)
- Consider CMIP6 timing.
- 3 days for main workshop
What is the difference between CD-NOT & ESGF

- ESGF is major technical/software infrastructure including its operational readiness
- CD-NOT is (C)MIP focused (and operations for *MIP timelines)
- CD-NOT under WIP and not responsible for other areas using ESGF
- Noting the WIP request that ESGF “ensure stability over functionality (bells & whistles)”
Integration Working Group Responsibilities

• Establish an integrated software release schedule (3 month - Test->Staging->Prod)
  • Other working teams know the schedule and release based on this schedule
  • e.g. security-check schedule

• Release quality control
  • Ensure “User testing” completed as part of release process
  • Identify gaps and issues for the Working groups

• Schedule of Data Challenges (Scalability tests, new functionality tests)

• Release schedule established, and historical tracking

• Operational procedures: roll-backs, Security

• Uniformity for user experience

• Documentation around each release
**MIP Data Access without authentication**

- Already signed-off by WIP on behalf of *MIP modelling groups data release
  - Other data on ESGF may not have different requirements
- Understand what the technical/operational concerns are
  - wget open, globus restricted
- Technical changes:
  - Stats/user dashboard information and reporting
  - Software changes

- Does not disable the Identity working group – gives it an extra responsibility to establish the needs
Potential Working Groups

• Communications and Impact
  • User/community Engagement:
    • List of events: webinars? (maybe recorded)
    • Channels: email / social media / youtube / other?
    • Training materials/events: youtube? AGU?, EGU?

• Software
  • Major associated
  • Jupyter notebooks?

• Security

• Policies development
Establish Future/Strategic Roadmap

Big Engagements/activities

• MIPs, CMIP and other specialities
• WGCM – establish and establish requirements (include user-side testing)
• Copernicus program
• Asian programs
• Weather, Climate and Obs
  • Sub-seasonal to Seasonal reference Data
  • Reanalysis reference data
  • Hindcasts

• Better Coordination to help with Funding opportunities
Technical architecture “longer-term” Roadmap

• Provenance
• ML/DL
• Preparing “for scale” (CMIP6 was on map, but need to establish the future map and requirements)
• Role of the cloud, tier1, tier2
• Virtual labs
• Plan for the front-end(s)
  • Could be specific groups rather than physical nodes
• What are the technical strengths / weaknesses (risks)