

# Tier-1 status

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# Stato Tier1

- Bologna zona rossa
  - Presenza in sede personale infrastruttura e per interventi programmati
- CPU ~ a pledge 2020
  - CPU 2020-21 (240 kHS06 da risorse ex CINECA) disponibili a fine Q2 ☹
  - In produzione ancora molte risorse fuori manutenzione
- Disco
  - 40.5 PB netti installati (pledge 2020: ~45.5 PB netti)
  - Gara 2020
    - Lotto 1 in consegna
    - Lotto 2 in approvazione
- Tape a pledge 2020
- Intervento su router di frontiera (General Internet) ancora in stand-by
  - Attualmente in produzione uno dei due apparati
    - Osservata perdita di pacchetti “importante” se inserito secondo apparato
  - Individuato bug sistema operativo
  - In attesa soluzione da parte di Cisco
- Intervento su blindosbarre settimane 21/3 e 28/3
  - Dettagli in slide Luigi



## Proposed Timelines

We all work better with a strawman to argue against:

- **March 2021:** Baseline services for WLCG sites includes HTTP-TPC endpoint.
- **July 2021:** IAM services available, including VOMS endpoint.
- **October 2021:** All WLCG pilot factories have the ability to submit to CE using WLCG tokens.
- **December 2021:** VOMS-Admin shutoff; IAM becomes authoritative identity provider endpoint (including VOMS endpoint).
- **January 2022:** OSG ends support for Grid Community Toolkit. Globus GridFTP support no longer required at WLCG sites.
- **March 2022:** Baseline services for WLCG sites include token support for HTTP endpoints.
- **October 2022:** Rucio transfers performed with token auth in production.
- **March 2023:** Experiments stageout performed via tokens.
- **March 2024:** X.509 client auth becomes optional.
- 2025 serves for schedule contingency.
- **Token transition must be done by 2025** to allow for experiments to complete their other HL-LHC activities.

I don't claim this must be our schedule – but it is along the lines of what we need to coordinate the community.

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GDB 9/12/2020

8 FEARLESS SCIENCE



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