DR Pilot Assessment: AAI

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AAI has worked well!

- During the DR pilot no AAI-related problems have been reported

- VOMS ESCAPE VO-wide authZ worked fine at all sites
  - but no separation between experiments was implemented

- IAM continuous testing in place
  - more in the next slides

IAM continuous testing in place

- https://github.com/indigo-iam/escape-auth-tests

- Runs on GH actions every 20 mins

- The testsuite currently checks that:
    - IAM is up & running
    - IAM can issue tokens
    - IAM VOMS service can issue VOMS attribute certificates
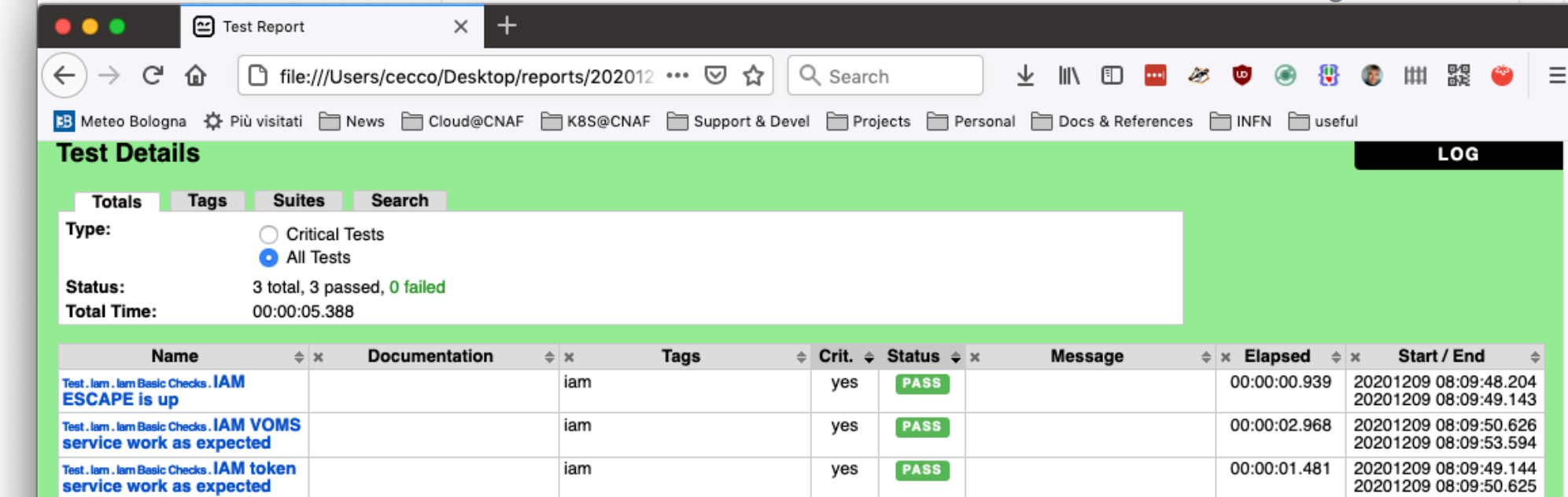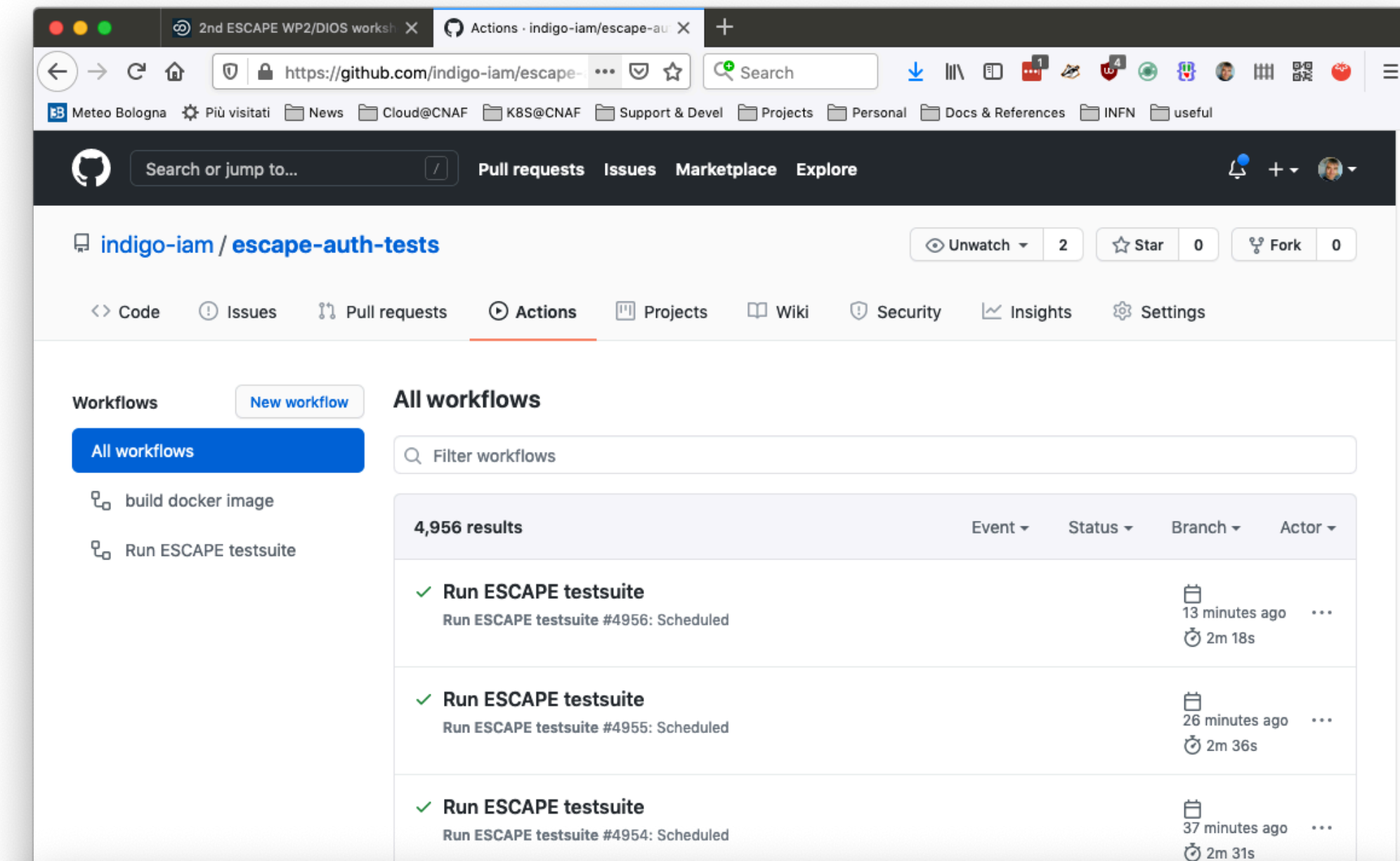
The ESCAPE IAM November down

- https://jira.skatelescope.org/browse/EDLK-106

- Starting from Wed Nov. 25th around 1.30 am IAM went down

- Cause: a storage problem @ CNAF broke the Openstack infrastructure that hosted the K8S cluster where IAM ESCAPE was running

- A new K8S cluster was deployed on a different infrastructure and IAM was restored as of Sunday Nov. 29 around 16.30

- Impact: all ESCAPE datalake operations blocked

- Production requires an HA IAM deployment

  - Work ongoing to have a multi-site HA deployment for all IAM instances hosted @ CNAF

Next steps

- WP5 AAI integration workshop

  - https://indico.in2p3.fr/event/22812/contributions/89052/

- Fine-grained AuthZ

  - experiment separation

- Token-based AuthN/Z

- Improved continuous monitoring

- HA IAM deployment

To be discussed in more detail tomorrow!

Thanks for your attention! Questions?