



DUNE General Computing Meeting

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April 15, 2019

General Computing Announcements

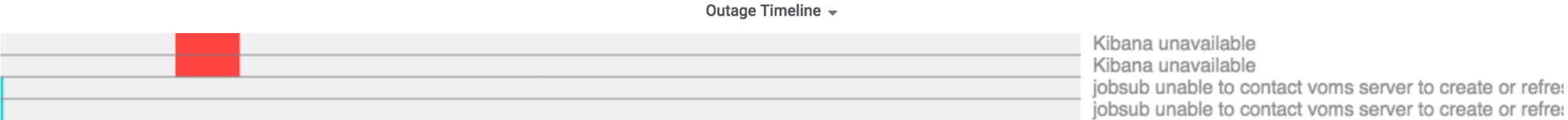
- Please make sure to complete the Computing Survey and advertise to groups
 - <https://docs.google.com/forms/d/e/1FAIpQLSfAqBz7jneswP30kHFTTrwqmu5NTtwOuFcP6po3licbQZI6wpA/viewform>
 - will be the basis of the computing effort going forward and guide decisions about development and effort
- there are now 5 new General Purpose Virtual Machine nodes for DUNE:
 - [dunegpvm\[11,12,13,14,15\].fnal.gov](https://dunegpvm[11,12,13,14,15].fnal.gov)

```
...:Powered by ECF-SSI:...  
Hostname: dunegpvm11.fnal.gov      OS Release: SLF 7.5 (Nitrogen)  
IP: 131.225.161.73                Subnet: 255.255.255.0  
  
Kernel: 3.10.0-957.5.1            Arch: x86_64  
RAM: 11.57 GiB                   Swap: 2.00 GiB  
Cores: 4                          Virtual: rhev
```

- DUNE is now a supported VO within the GGUS ticketing system. (Thanks, Andrew McNab!)
 - we should formalize the support model for how we want tickets to be generated and tracked
 - do not anticipate that analyzers will ever see a GGUS ticket, but everything through SNOW for now
 - maybe push the OSG harder to also adopt the GGUS system
- TDR draft is due today, April 15, 2019 along with taxes (US residents only, but donations will not be refused)

General Computing Announcements

- OSG Software update April 17 changes to CAs and InCommon integration
 - impacts VOMS servers and there will be transition on that day (update available Apr 16)
 - online, FTS, etc should make sure that they are updated appropriately
 - production proxies have been generated and tested
- Fermilab 3rd Wednesday of the Month™® maintenance April 17
 - expect downtimes for storage, services, etc
 - work should all be completed by 5:00 pm CT
 - can monitor outages here:
<https://fifemon.fnal.gov/monitor/d/000000180/scd-summary-fife?panelId=85&fullscreen&orgId=1>



DUNE Interactive Storage Element Requirements Document

- Given the problems with persistent and app volumes filling, considered requesting enhanced quotas capabilities across interactive storage volumes
- Had discussions with the SCD Deputy Division Head and the recommendation was to put together a requirements document for the interactive nodes
- Developing here: https://docs.google.com/document/d/1GeB1xy7wsM09GuS-S0iMDiCnZHVM_dbOOrmlOMi6FQo/edit?usp=sharing
- thinking about management of personal and group quotas
- ability to limit write capabilities to different volumes
- full POSIX access for at least some of the volume (mostly analysis and software development)
- what else?

Agenda

07:50 - 09:00

Round Table Reports

07:50 **ProtoDUNE-SP 5'**

Speaker: Andrea Dell'Acqua (CERN)

07:55 **ProtoDUNE-DP 5'**

Speaker: Dr. Elisabetta Pennacchio (IN2P3)

08:00 **Globalization 5'**

Speakers: Prof. peter clarke (University Edinburgh), Viktor Pec, Andrew McNab (University of Manchester)

08:05 **Databases 5'**

Speakers: Dr. Jonathan Paley (Fermilab), Igor Mandrichenko (FNAL), Dr. Andrew Norman (Fermilab), Charles e. Lane, Prof. Norm Buchanan (Colorado State University)

08:10 **Data Management 5'**

Speakers: Dr. Steven Timm (Fermilab), Dr. Andrew Norman (Fermilab), Dr. Stuart Fuess (Fermilab), Igor Mandrichenko (FNAL), Dr. Adam Aurisano (University of Cincinnati)

08:15 **Production 5'**

Speakers: Ivan Furic (University of Florida), Ivan Furic (U. Florida - Gainesville), Dr. Kenneth Herner (Fermilab), Dr. Andrew McNab (University of Manchester)

08:20 **Software Management 5'**

Speakers: Dr. Thomas Junk (Fermilab), David Adams (BNL), Mr. Christoph Alt (ETH Zurich)

