CIOPS

Continuous Integration & Operations for the US ATLAS Computing Facility

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US ATLAS Computing Facility Meeting at Argonne
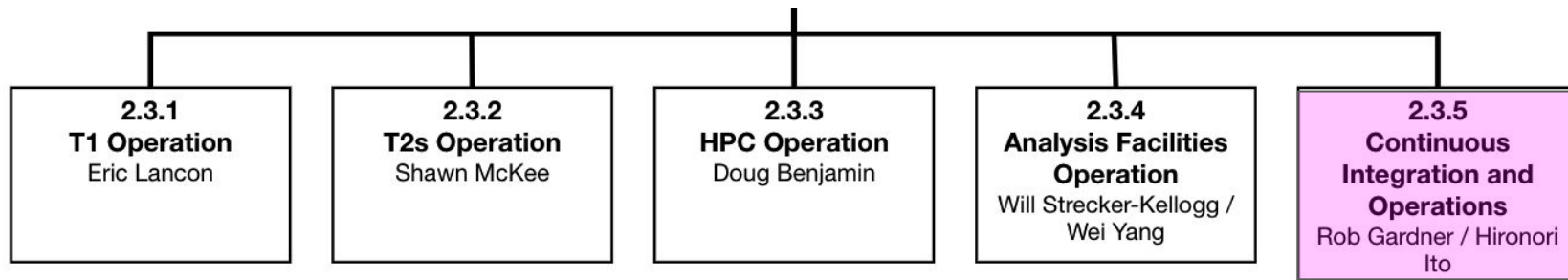December 3-5, 2018

CIOPS Purpose

- Provide the Facility with on-going stable ADC operations
- Coordination with ADC project & task areas for needed ATLAS environment & service configuration updates
- Coordination with OSG-LHC production infrastructure
- Support HL-LHC development (WBS 2.4) by providing in-context scalable platforms (via SSL)
- Innovate infrastructure & operations methods

Organization

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│     2.3.1     │ │     2.3.2     │ │     2.3.3     │ │     2.3.4     │ │     2.3.5     │
│ T1 Operation  │ │ T2s Operation │ │ HPC Operation │ │   Analysis    │ │  Continuous   │
│  Eric Lancon  │ │  Shawn McKee  │ │ Doug Benjamin │ │  Facilities   │ │ Integration   │
│               │ │               │ │               │ │   Operation   │ │     and       │
│               │ │               │ │               │ │    Will       │ │  Operations   │
│               │ │               │ │               │ │ Strecker-     │ │ Rob Gardner / │
│               │ │               │ │               │ │ Kellogg /     │ │ Hironori Ito  │
│               │ │               │ │               │ │  Wei Yang     │ │               │
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2.3.5.1 Coordination - Rob (0.2), Hiro (0.15)
2.3.5.2 ADC Ops - Mark
  ADC US Cloud Support - 0.25 Mark; 0.25 Armen; 0.15 Xin
  ADCoS Coordination - 0.5 Armen
  ADC Reliability - Jose (0.30)
2.3.5.3 Analytics Infrastructure - Ilija (0.5)
2.3.5.4 Intelligent data delivery - TBN
  Xrootd, XCache development - Wei (.50), Andy (0.6)
  Caching DevOps - Ilija (0.30), Hiro (0.10)
2.3.5.5 Edge Services Orchestration - Lincoln Bryant

Work to do

- We need to define the 2019 work program in detail
  - Document: http://bit.ly/usatlas-ciops
  - Goal to have a first draft by end of year
- Reference
  - http://bit.ly/facility-wbs