

# ESGF Installation Working Team (IWT)

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## Team Leads: Nicolas Carenton<sup>1</sup> & Prashanth Dwarakanath Members

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<sup>1</sup>now replaced by William Morris Hill

# 2016 Progress and Accomplishments

We had three major releases during 2016, each of which had several point releases to fix minor issues.

- Version 2.2.0: Released December 15, 2015. Routine upgrade post F2F.
- Version 2.2.3: Released February 15, 2016. Fixed certain vulnerabilities in Thredds data service. Temporary CA setup mechanism changed, and Globus setup portions reworked.
- Version 2.3.8: Released 25 May 2016. Upgrade of CoG, upgrade of Apache and Struts to fix vulnerabilities.
- Version 2.4.4: Released December 2016. Upgrade of Tomcat, CoG.

- A vulnerability with Thredds was proactively fixed.
- Node administrators were advised to upgrade to fixed kernels, post discovery of the Dirty Cow vulnerability.
- Component upgrades were pushed in, following CVE reports (Apache, Struts).

# Missed Milestones

- Conversion of installer, from bash to python
- Integration of node manager functionality into esg-node.

# Roadmap for 2017

- Replace bash installer with a modular python installer.
- Dockerize ESGF installation process.
- Parallel development for Centos 7 ready installer.
- Integration of node-manager with the ESGF installer.

# Collaborations with other groups

- Node manager working team, for integration of the new node manager functionality in esg-node
- Node manager working team, for integration of the new tracking and feedback functionality, in esg-node