

Distribution Task Team (DisTT) Conference Call Minutes

August 4, 2016 10-11 am PDT

Sascha Von Meier (vonmeier@berkeley.edu), Lead

Tamica Dickenson (tamica.dickenson@pnnl.gov), Support

Email list address: naspi-taskteam-distribution@lyris.pnnl.gov

Attendees

Roll call – see list below. Call led by Emma Stewart.

Action Items

- Teresa – work logistics/options with Emma to share data with the DisTT.
- Emma (+Volunteers) – continues working outline and collecting input for white paper. The white paper will eventually be stored on a Google Drive once the outline is drafted and ready for folks to work on their respective sections. If you have volunteered to work on the paper send an email to teresa.carlon@pnnl.gov and she will give you permission to access the document.

New Business

- o Emma Stewart lead today's call discussing the outline of the distribution white, audience, and content. Requested volunteers to help write sections of the paper.
 - o Scope for white paper- what is existing – opinions on what the white paper should be.
 - o Common questions asked
 - o **White space is:** collection of documents-point everyone to the right documents, things which need to be done to make the solutions scalable, cheaper, useful;
 - challenges in deployment and architectures for data collections- go beyond what the differences are- distribution automation
 - goal of higher awareness of uses
 - Scoping paper-lengthy intro for those who don't know (generalists), main body- scoping study- outlines what really needs to be done, what really needs to be looked into, roadmap and problem statements
 - Jeff- Distribution Challenges-high level summary-
 - transition vs. distribution- why they are different in distribution technology
 - The role of the research-weight of paper
 - Engineering challenges for using the dist. PMU's-everything from connection, to placement to data collection communications, difference between stimulated data and real data cleanliness,
 - Harold- look at what happened to the system in the simulation-compare to real data
 - link to the sub activities on noise-use cases where noisy data is ok-use cases where we need clean super accurate data
 - Look at what happened to the system in the simulation-compare to the real data
- o We got permission to release some of the data from the APRA-E paper and will be shown on a website soon. Idea around what might be useful to do with that.
 - o Release data and see if people come back with an application- release data that didn't have many events or had just a few events-exactly what happened and compare to real data

- Who is the audience for the white paper?-get stakeholder list-former (good with minimal material)- will be a large paper- ideally everyone works together (utility engineer and researcher)-Jeff – Electric Sector-benefits and applications
 - Researchers-gaps and path forwards and opportunities
 - Vendors- who is interested in doing what

Next call September 8, 2016 at 10:00am PT / 1:00pm ET.

Reference Material

NASPI reference documents: <https://www.naspi.org/documents>

NASPI DisTT web page: <https://www.naspi.org/distt>

Attendees

Alex Flueck
Artis Riepnieks
Daniel Dotta
Emma Stewart
Frank Tuffner
Harold Kirkham
Jeff Dagle
Jeff Zhao
Merwin Brown
Sumit Paudyal
Sundeep Gupta
Tamica Dickenson
Teresa Carlon
Wenxuan Yao
Yi Hu
Yilu Liu