**Announcements and Updates:**

* Marylou Apodaca, our EFCOG SQA Task Group Scribe, is stepping down from that position due to increased work duties. We would like to sincerely thank Marylou for all her help these last three years. If anyone would like to volunteer for the Scribe position, please contact Vicki Pope or Teri Vincent.
* DOE Guide at high-level of (AU-1) for approval. Contact your site’s RevCom Site Approval Coordinator (<https://www.directives.doe.gov/dpc-resources/ac_list>) and request to be part of review.
* AU-32 position has been filled. Welcome Chris Beaman!
* Future of Central Registry - presenting at EFCOG Nuclear and Facilities Safety Workshop next week; efforts on-hold; trying to reach out to user community. What does the user community need, what would be useful, what would add value?
* QA Community of Practice - Christian would like us all to create an account to share information.
* Spring Meeting: Virtual meeting the week of April 19-22. Vicki will let us know when registration is open.
* Other site announcements: none

**Cloud-Computing Quality Assurance Presentation – Russell Swannack (PNNL)**

*(See Cloud Computing Quality Assurance\_02172021.pptx)*

* Some concepts of Cloud technology is confusing
* Buy what you need; can scale up or down depending on needs
* 3 types of clouds:
  + Public - they own all the resources
  + Private - owned by a single business/org
  + Hybrid - private cloud with public resources done with shared applications; may contain sensitive data in private while non sensitive could be in public
* Cloud - Services:
  + IaaS (Infrastructure as a Service)
  + PaaS (Platform as a Service)
  + SaaS (Software as a Service) Turbo tax, Office 365
* Reviewed NQA-1-2012
  + Subpart 2.7; Req 4 & & need to be flowed for procured software and services
  + QA Interpretation/Documentation
  + Flowdown to Cloud provider - when
    - Service Availability
    - Levels of Accessibility
    - Who has ownership of data that is stored on their system (be sure it's clear)
    - Who provides hardware/software
    - Security (controls,  monitoring, response, notification)
    - R&Rs
    - Disaster/failure recovery & backup
    - Privacy/confidentiality
    - Authentication and authorization
    - Deployment
    - Business policies
    - Governance
    - Exit process
  + Configuration Mgmt
    - Identify which parts are owned (controlled) and which are not
  + Risk Identification and Management
    - *NOTE: If you have real-time data acquisition & control systems -- it's not recommended to host*
* Where in the overall system do your software work activities occur
* Identify otherwise acquired software support software
* Need to be placed under configuration control
  + - Need for CGD?
* Ability to CGD cloud-hosted software
* Other considerations
* Questions?
  + Stella - did you discover anything about Fedramp - how it applies to cloud-based software? Service Now example; Russell will look into it
  + Russell - will be interesting
  + Lance - Fedramp is more of Cyber Security
  + Teri - concerns with disconnects between SQA and Cyber groups

***Software Standards and Orders Matrix Presentation will be given at the March WebEx (3/17/21)***

**Attendance:**

If anyone attended this meeting, but does not see their name on the list, please contact Vicki Pope ([pope13@llnl.gov](mailto:pope13@llnl.gov)).

* Chair: Vicki Pope ([pope13@llnl.gov](mailto:pope13@llnl.gov))
* Vice Chair: Teri Vincent ([teri.vincent@cns.doe.gov](mailto:teri.vincent@cns.doe.gov))
* Secretary: VACANT

| **First Name** | **Last Name** | **Site** |
| --- | --- | --- |
| Lance | Abbot | SRS |
| Sid | Ailes | Atkins Global |
| Chris | Beaman | HQ AU-32 |
| Todd | Billings | Bechtel |
| Laura | Cook | LLNL |
| Mary | Curtis | FNAL |
| Orlando | Ferrer | RL |
| Mike | Houston | ORNL |
| James | Hylko | ORNL/Isotek Systems |
| Kinh | Le | KCNSC |
| Steve | Mahnesmith | SNL |
| Stella | McKirdy | INL |
| Jacob | Miller | DOE/Office of Enforcement |
| Jenna | Neal |  |
| Carol | Olijar | ANL |
| Christian | Palay | DOE-HQ |
| Vicki | Pope | LLNL |
| Cristy | Renner | Fluor BWXT |
| Michael | Russell | ORNL |
| Sandra | Schindler | SNL |
| Terry | Scoggins | ORNL |
| Russell | Swannack | PNNL |
| Dave | Thoman | Amentum |
| Teri | Vincent | CNS |
| Al | Zuckero | SRS |

Next Meeting: March 17, 2021 @ 1:00 pm PST