

# EFCOG SQA Group Meeting

July 21, 2021

- 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: Carol Olijar ([cschultz@anl.gov](mailto:cschultz@anl.gov))



**AGENDA**

- ▶ Safety/Security Moment
- ▶ Announcements and Updates
- ▶ Volunteer for Site Presentations at Future WebEx Meetings
- ▶ Building Cyber Security Tools Using the ROSE Compiler Infrastructure, Greg Pope (LLNL)
- ▶ Task Group Updates & Members
- ▶ Upcoming Events of Interest
- ▶ Next Steps

# Announcements and Updates

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## Dates for Fall Meeting (Virtual)

November 1 - 4, 2021

Alternate date: November 29 -  
December 2

Sign up for QA Community of Practice on Organizational  
Excellence Website: <https://orgex.energy.gov/>

Any site Announcement or concerns?

Email Carol Olijar for  
Meeting Attendance  
(Meeting credit for  
recertifications)

Month	Site	Lead	Subject (If Known)
July	LLNL	Greg Pope	Building Cyber Security Tools Using the ROSE Compiler Infrastructure
August			
September	Portsmouth	Christy Renner	
September	SRS	Lance Abbott	
October	ORNL	Terry Scoggins	
November	VIRTUAL		FALL MEETING
December	WRPS	Denise Fast	Moved from August
January			
February			
March			
April	VIRTUAL		SPRING MEETING

# Future Site Presentations

Official Use Only

# *Building Cyber Security Tools Using the ROSE Compiler Infrastructure*

*LLNL 6/22/2021*

Gregory Pope



**OFFICIAL USE ONLY**

May be exempt from public release under the Freedom of Information Act (5 U.S.C. 552), exemption and category: Exemption 7, Law Enforcement  
Department of Energy review required before public release.  
Date: June 22, 2021

Name/Org: Walter Nissen, WSC Guidance(if applicable): CG-SS-5, DOE OC 07/2016, CG-DAR-2, DOE OC, 08/1998

LLNL-PRES-823885

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# Sub-Tasks Update

Task Name	Members	Status*
Toolbox Alternatives	➤ <b>Pat Auer, LLNL (Lead) – <a href="mailto:auer2@llnl.gov">auer2@llnl.gov</a></b>	WPID
	➤ Dave Thoman, Amentum ➤ Donna Riggs, Consultant ➤ Diana Marquez, WRPS ➤ Gregory Baker, NA-51 ➤ David Louie, SNL	
Testing Spreadsheets	➤ <b>Greg Pope, LLNL (Lead) – <a href="mailto:pope12@llnl.gov">pope12@llnl.gov</a></b>	WPID
	➤ Sid Ailes, Atkins Global ➤ Colby Carter, WIPP ➤ Laura Cook, LLNL ➤ Denise Fast, WRPS ➤ Orlando Ferrer, RL ➤ Corina Gonzales, LANL ➤ James Hylko, ISOTEK ➤ Eric MacEwen, KCNSC ➤ Dave Thoman, Amentum ➤ Jeni Turgeon, SNL ➤ Al Zuckero, SRS	
Internet of Things	➤ <b>Orlando Ferrer, WRPS (Lead) – <a href="mailto:Orlando_a_ferrer@rl.gov">Orlando a ferrer@rl.gov</a></b>	IP
	➤ Greg Pope, LLNL ➤ Gladys Udentia, NNSA	

\*Status

- IP = In Process
- WPID - White Paper in development/draft
- WPIR = White Paper in review
- WPF/STC = White Paper Finalized/Sub-Task Completed

# Sub-Tasks Update

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Task Name	Members	Status*
Graded Approach for Software	<ul style="list-style-type: none"> <li>➤ Lance Abbott, SRS (co-lead) – <a href="mailto:lance.abbott@srs.gov">lance.abbott@srs.gov</a></li> <li>➤ Jeni Turgeon, SNL (co-lead) – <a href="mailto:jturgeo@sandia.gov">jturgeo@sandia.gov</a></li> </ul>	WPIR
	<ul style="list-style-type: none"> <li>➤ Marylou Apodaca, SNL</li> <li>➤ Carol Olijar, ANL</li> </ul>	
Software Standards and Orders	<ul style="list-style-type: none"> <li>➤ Cristy Renner, Fluor BWXT (Lead) - <a href="mailto:cristy.renner@ports.pppo.gov">cristy.renner@ports.pppo.gov</a></li> </ul>	WPID
	<ul style="list-style-type: none"> <li>➤ Clyde Armstrong, Tru Project</li> <li>➤ Orlando Ferrer, RL</li> <li>➤ Faith Girolamo, SRS</li> <li>➤ Kamie Hopper, SNL</li> </ul>	
Cloud-based Hosting Software	<ul style="list-style-type: none"> <li>➤ Russell Swannack, PNNL (lead) – <a href="mailto:Russell.Swannack@pnnl.gov">Russell.Swannack@pnnl.gov</a></li> </ul>	WPID
	<ul style="list-style-type: none"> <li>➤ Lisa Cooper, Paducah</li> </ul>	

Date	Conference/Training Title	Teaching Org	Website
Every 2 <sup>nd</sup> Tuesday @ 1:00 pm EST	NQA-1 Subcommittee on Software Quality Assurance	NQA-1	<a href="#">Subcommittee on Software Quality Assurance</a>
Sept 20-22	NQA-1 Lead Auditor Training	Nuclear Training Institute (virtual class)	<a href="https://nucleartraininginstitute.com/product/nqa-1-lead-auditor-training-virtual-classroom-sept-20-22-2021/">https://nucleartraininginstitute.com/product/nqa-1-lead-auditor-training-virtual-classroom-sept-20-22-2021/</a>
Sept 21-23	NQA-1 Lead Auditor Training	J-E-T-S Quality (virtual class)	<a href="https://jetsquality.com/leads-auditor-training/">https://jetsquality.com/leads-auditor-training/</a>
Oct 25-29	NQA-1 Lead Auditor Training	Kinetix Quality Services (in person - Rochester, NY)	<a href="https://www.kinetixquality.com/service/s/nqa-1-lead-auditor-training">https://www.kinetixquality.com/service/s/nqa-1-lead-auditor-training</a>
Oct 26-28	NQA-1 SQA Subcommittee Fall Meeting	NQA-1 SSSQA (virtual)	<a href="#">Subcommittee on Software Quality Assurance</a>
Nov 1-4	Annual DOE Safety and Security Enforcement Workshop	Office of Enforcement	<a href="#">Office of Enterprise Assessments   Department of Energy</a>
Nov 1-4 (or Nov 29-Dec 2)	<b>EFCOG ISM &amp; QA Fall Meeting</b>	<b>EFCOG (virtual meeting)</b>	<b>TBD</b>
Dec 6-8	NQA-1 Lead Auditor Training	Nuclear Training Institute (virtual class)	<a href="https://nucleartraininginstitute.com/product/nqa-1-lead-auditor-training-virtual-classroom-dec-6-8-2021-copy/">https://nucleartraininginstitute.com/product/nqa-1-lead-auditor-training-virtual-classroom-dec-6-8-2021-copy/</a>

# Dates to Remember



# Discussion Ideas and Questions

# Next Steps

- ▶ Volunteer to present your site's tool or process 20 minutes or less (contact Vicki, Teri or Carol)
- ▶ Task Groups to meet prior to August WebEx
- ▶ Don't forget to post your Task products to Box
- ▶ Volunteer for Sub-Task Groups
- ▶ Load sharable document templates, job aids, and SQA-related job postings to Box site
- ▶ Place a hold on your calendar for the Fall Meeting



# EFCOG SQA Web Site

<https://efcog.org/safety/quality-assurance-subgroup/software-quality-assurance-task-group/>

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The screenshot shows the EFCOG SQA Web Site homepage. The navigation bar includes Home, Organization, Working Groups, COVID-19 Information, Best Practices, and Join EFCOG Library. The main content area is divided into three columns: SQA QUICK LINKS, SOFTWARE QUALITY ASSURANCE TASK TEAM, and CHARTER. The SQA QUICK LINKS section provides meeting information, including a WebEx link, meeting number (807 541 418), and password (Tp6p72PK). The SOFTWARE QUALITY ASSURANCE TASK TEAM section features photos of team members and a group photo of attendees at the EFCOG SQA Fall 2019 Meeting. The CHARTER section describes the mission of the Software QA Task Group (SQA TG) and its focus on cross-cutting issues and performance reporting.

- New content has been posted to:
  - Meeting Minutes and Presentations from the Spring Meeting now in MEETING RECORDS → 2021 SPRING, VIRTUAL folder
  - Meeting files from the last three years have been restored to the MEETING RECORDS folder
  - Final Sub-task White Papers are in the WHITE PAPERS folder

Scroll down to page bottom

Documents

Software QA /

TYPE	DRAWER / FILE
dir	MEETING RECORDS
dir	SHARED SQA JOB AIDS
dir	TEAM PHOTOS
dir	WHITE PAPERS

Software QA / Meeting Records /

TYPE	DRAWER / FILE
dir	2018 FALL
dir	2018 SPRING
dir	2019 FALL, Y 12
dir	2020 FALL, VIRTUAL
dir	2020 SPRING, SNL
dir	2021 SPRING, VIRTUAL
dir	WEBEX MEETINGS

Software QA / White Papers /

TYPE	DRAWER / FILE
dir	SOFTWARE ASSESSMENT CHECKLIST
xlsx	Orders and Polices Affecting SW Last Update 11-11-2020
pdf	WP 2018 SAF QA SQA 001 Guidance For Audited Organizations
pdf	WP 2019 SAF QA SQA 001 SQA of Firmware
pdf	WP 2019 SAF QA SQA 002 Toolbox Codes Voting
pdf	WP 2020 SAF QA SQA 002 Toolbox Qualification Streamlining Recommendations
pdf	WP2020 SAF QA SQA 003 Definition Of Software
pdf	WP2021 SAF QA SQA 001 Better Application of DOE O 414 to All SW
docx	Whitepaper Development Guidance

# DOE Organizational Excellence Forums

<https://orgex.energy.gov/>

**1) Click create new account**

**ORGANIZATIONAL EXCELLENCE**  
U.S. DEPARTMENT OF ENERGY

**User login**

Username \*

Password \*

- Create new account
- Request new password

I'm not a robot

Log in

**2) Enter Information**

**User account**

Create new account | Log in | Request new password

**Create new account**

Username \*

E-mail address \*

First Name \*

Last Name \*

Phone \*

Work Location \*

I'm not a robot

**3) Click QA Community of Practice**

**ORGANIZATIONAL EXCELLENCE**  
U.S. DEPARTMENT OF ENERGY

Home | Forums | Membership | Forum Tips | Documents

**Forum**

New Forum Ideas | Human Performance Improvement | INFO Resources

Accident Investigation | Contractor Assurance | Integrated Safety Management

Employee Concerns Program | ORPS/DOE | Performance & Reliability

Energy Facility Contractors Group | Publications

Environmental Policy and Compliance

Employee Engagement | **QA Community of Practice**

Enterprise Risk Management | Safety Culture

EnergyWeb | Sustainability

View Forums

Safety Culture

Forum	Topics	Posts	Last post
Department of Energy Safety Culture Website	1	2	Department of Energy's Safety Culture Website by Bill Schreyer 03/18/2020
General Discussion	7	12	Suggest a Fire Protection Area by Christian Paley 03/18/2020
Safety Culture Improvement Panel	6	8	SGIP Bulletin December 2019 by Cecelia Kenney 12/03/2019
Safety Culture Sustainment Plans Safety Culture Sustainment Plans for DOE sites	1	5	Safety Culture Sustainment Plans by David Weitzman 04/12/2018

Best practices such as guides, lessons learned, and other resources

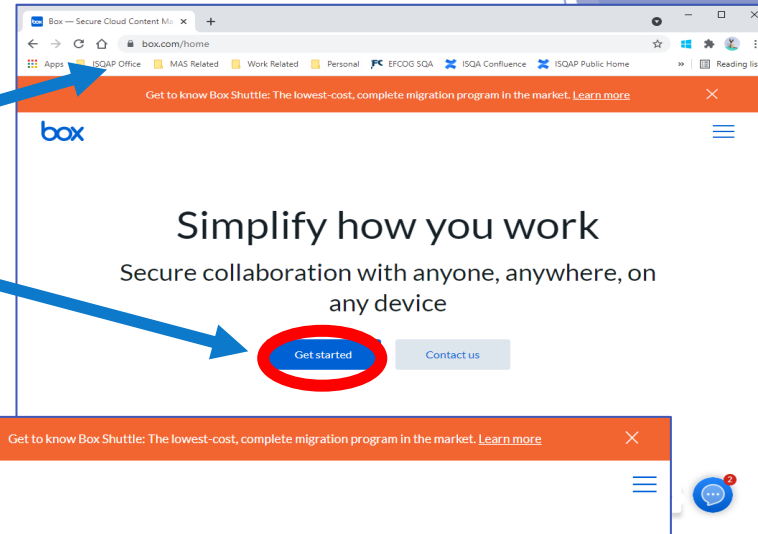
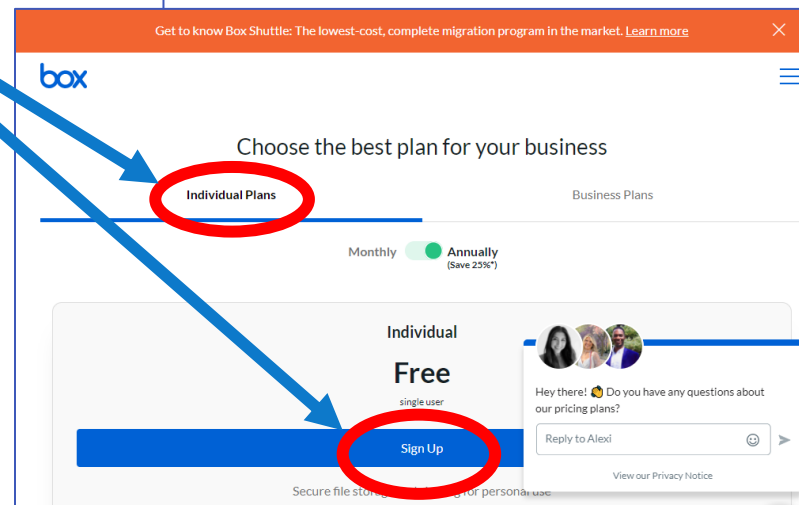
# Create your BOX account

- ▶ Go to URL:

<https://www.box.com/home>

- ▶ Click on the “Get Started” button

- ▶ Select “Individual Plans”

A screenshot of the Box account creation form. The form is titled "Start Using Your Box Account Today" and asks for "Your Information" (Full Name, Email Address, Password, Confirm Password) and "Your Current Plan" (Box Individual). It also includes a checkbox for "I live in the European Economic Area or U.K." and a checkbox for "I'm not a robot". A blue arrow labeled "3" points from the "Individual Plans" selection in the previous screenshot to this form. Another blue arrow labeled "4" points from the "Individual Plans" selection to the "Sign Up" button in the next screenshot.

- Complete the form
- Send your user ID/email to: [cschultz@anl.gov](mailto:cschultz@anl.gov) \*

\* You may need to ask your IT group to grant you special access through your site's firewall to Box. Justified as member of EFCOG SQA Working Group.



We do quality software,  
and we can prove it.



Chair  
Vicki Pope



Co-Chair  
Teri Vincent



Secretary  
Carol Olijar

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