

From: [Lusby, Timothy S. \(Assoc\)](#)
To: [Kerman, Sara J. \(Fed\)](#)
Subject: RE: Update on the ANnual Report REVIEWS
Date: Friday, April 5, 2019 12:32:16 PM

Hi Sara,

Thanks and you're correct, this is not due until 4/26. Having said that Greg said he had promised Patrick that he'd get it back to him by the end of the day – but tonight. There's still work to be done on the graphics, and rather than get in an email struggle with Patrick 😊 I left that alone. We'll have D6 ready with graphics by the due date.

Thanks for keeping an eye on us and helping out. - Tim

From: Kerman, Sara J. (Fed)
Sent: Friday, April 05, 2019 11:07 AM
To: Lusby, Timothy S. (Assoc) <timothy.lusby@nist.gov>
Subject: RE: Update on the ANnual Report REVIEWS

Hey Tim,

FYI – I did reach out to Patrick this morning. Correct me if I'm wrong, but would this constitute Del 6? I know they do interim versions so I'm not quite sure. Anyway, I mentioned to him that D6 was not due until the end of the month so this could be a stretch to request such a quick turnaround.

-Sara

From: Lusby, Timothy S. (Assoc)
Sent: Friday, April 05, 2019 10:48 AM
To: O'Reilly, Patrick D. (Fed) <patrick.oreilly@nist.gov>; Kerman, Sara J. (Fed) <sara.kerman@nist.gov>
Subject: RE: Update on the ANnual Report REVIEWS

Hi Patrick,

I emailed Greg and he said he'd have the consolidated comments back to you by COB tonight.

BTW – wasn't sure if you knew it or not but Larry is on leave all this week.

Tim

From: O'Reilly, Patrick D. (Fed)
Sent: Thursday, April 04, 2019 4:15 PM
To: Lusby, Timothy S. (Assoc) <timothy.lusby@nist.gov>; Kerman, Sara J. (Fed) <sara.kerman@nist.gov>
Subject: FW: Update on the ANnual Report REVIEWS

Sara and Tim,

I figured I ought to cc (forward) email I sent to Annual Report Team a tad ago this afternoon. Got all the reviewer comments uploaded to our project's Sharepoint folder.

I don't know what Greg/Larry's schedule is like over next couple of days-week, but I was hoping that they might be able to incorporate all the reviewers Word files into the initial draft so I and team can start going through all the comments received.

Below is outline of all reviewers & sections I assigned them to review per Kevin's/Matt's assistance/agreement.

Thanks.

Pat

From: O'Reilly, Patrick D. (Fed)

Sent: Thursday, April 4, 2019 3:46 PM

To: Greg Witte (greg.witte@g2-inc.com) <greg.witte@g2-inc.com>

Cc: Larry Feldman <Larry.Feldman@g2-inc.com>; Rigopoulos, Kristina (Fed) <kristina.rigopoulos@nist.gov>

Subject: Update on the ANnual Report REVIEWS

Good Afternoon Team,

Okay, time for a quick update. As you know, I sent out the Annual Report for review and I got 95% of the reviews back! Yay!

Below is the list of the folks that have provided reviews for various sections: I will mark ONLY the folks that did NOT send me review back (I have not sent Lisa's out as yet, but her sections is not that difficult for her to review).

Lisa Carnahan – Not sent out yet (Lisa – you are also assigned to last part of Annual Report as well, since beginning section is very short).

WELCOME LETTER

*Background Information of Annual Report

INFORMATION TECHNOLOGY LABORATORY (ITL) CYBERSECURITY IMPLEMENTS FEDERAL INFORMATION SECURITY MANAGEMENT ACT (finishing up the list and will send to Matt/Kevin for their review – Lisa won't need to review this one))

ITL INVOLVEMENT WITH INTERNATIONAL SECURITY STANDARDS (still haven't heard from Sal – talked to Matt about this & he agreed – if he doesn't get this write-up by time we have final document, then it will be omitted from annual report)

FEDERAL CYBERSECURITY RESEARCH & DEVELOPMENT

Naomi Lefkowitz / Adam Sedgewick (Received both set comments in 1 file)

RISK MANAGEMENT

- *Federal Information Security Modernization Act (FISMA) Implementation Project
- *Framework for Improving Critical Infrastructure Cybersecurity
(Cybersecurity Framework)
- *Privacy Engineering Project
- *Cyber Supply Chain Risk Management (C-SCRM)
- *Software and Supply Chain Assurance Forum
- *Cybersecurity Risk Analytics (CRA)

Nelson Hastings (received)

CYBERSECURITY APPLICATIONS

- *Security Aspects of Electronic Voting
- *Nationwide Public Safety Broadband Network
- *Smart Grid Cybersecurity
- *Software Assurance & Quality
- *National Software Reference Library
- *Computer Forensics Testing Tool Project

Rodney Petersen (received)

CYBERSECURITY AWARENESS, TRAINING, EDUCATION and OUTREACH

- *Computer Security Resource Center (CSRC)
- *ISPAB
- *NICE
- *Cybersecurity Managers' Forum
- *FISSEA
- *Small and Medium- Sized Business Outreach

Elaine Barker (received)

CRYPTOGRAPHIC STANDARDS PROGRAM

- *Revision of NIST SP 800-77
- *Triple Data Encryption (TDEA)
- *Random Bit Generation
- *NIST Randomness Beacon
- *Block Cipher Modes of Operation
- *Key Management
- *Transport Layer Security

- *Elliptic Curve Cryptography
- *Post Quantum Cryptography
- *Threshold Cryptography
- *Circuit Complexity
- *Lightweight Cryptography
- *Blockchain Program
- *Entropy as a Service

Beverly Trapnell and Gavin O'Brien (received – I sent Greg/Larry separate email about ACV totally rewritten – so make sure the text gets included in Beverly's/Gavin's comments file)

VALIDATION PROGRAMS

- *CMVP
- *Automated Cryptographic Validation Testing
- *SCAP Validation Program

Nelson Hastings and David Cooper (received – 2 separate files)

IDENTITY and ACCESS MANAGEMENT

- *NIST PIV Program
- *PIV
- *Access Control and Privilege Management
- *Conformance Verification for Access Control Policies
- *Identity and Access Management

Chris Johnson and Nelson Hastings (extra set of eyes only for Cybersecurity for IoT) (received)

RESEARCH IN EMERGING TECHNOLOGIES

- *Secure Development Toolchain Competitions
- *Cloud Computing Security & Forensics
- *Fog Computing
- *Cybersecurity for IoT
- *Low Power Wide Area Networks
- *Policy Machine - Next Generation Access Control
- *Security for Virtualized Infrastructures
- *The Ontology of Authentication
- *Open Security Controls Assessment Language (OSCAL)

Kevin Stine / Donna Dodson / Matt Scholl (did NOT receive yet)

THE NATIONAL CYBERSECURITY CENTER of EXCELLENCE (NCCoE)

INTERNET INFRASTRUCTURE PROTECTION

Bob Byers (received)

ADVANCED SECURITY TESTING and MEASUREMENTS

- *Security Automation and Continuous Monitoring
- *Specification, Standards, and Guidance Development
- *Security Content Automation Protocol (SCAP)
- *Software Asset Management Standards
- *Development of Security Automation Consensus Standards
- *Security Automation Reference Data
- *NVD
- *National Checklist Program
- *Apple macOS Security Configuration

Lee Badger (received)

TECHNICAL SECURITY METRICS

- *Security Metrics and Risk Analysis of Enterprise Networks Using Attack Graphs
- *Automated Combinatorial Testing
- *Roots of Trust

Kevin Stine / Matt Scholl / Donna Dodson (did NOT receive yet)

USABILITY & CYBERSECURITY

Lisa Carnahan (did NOT send out yet)

ITL CYBERSECURITY PROGRAM HONORS / AWARDS

ITL CYBERSECURITY RELATED PUBLICATIONS

APPENDIX A: ACRONYMS

APPENDIX B: ITL CYBERSECURITY EVENTS

APPENDIX C: OPPORTUNITIES TO ENGAGE WITH NIST & ITL

In about 10 minutes, I will be uploading ALL the reviews / comments that I received from reviewers – except for the ones I marked as not received (or sent out as yet).

PLEASE make sure you capture my forwarded email from Gavin O'Brien about the major modification made to the ACV write-up – he included it in email and NOT in the Word file Beverly

sent me.

Thanks – upload them to the Comments/Reviewers Received folder on project Sharepoint.
Pat