

Meeting Agenda

Project 2016-02 Modifications to CIP Standards

June 4, 2020 | 3:00 – 5:00 p.m. eastern

Administrative

1. Review NERC Antitrust Compliance Guidelines and Public Announcement¹
2. Roll Call
3. Introductions/Chair's remarks
4. Review agenda and objectives

Agenda Items

1. Status Update

- ~~a. What's in it for me white paper~~
- b. CIP-007 and CIP-010 Implementation Guidance
 - i. CIP-007 Parts (redundant parts with SCI as applicability. Do we need parts repeated with the same description – e.g., R5)
- c. CIP-005, CIP-007, and CIP-010 Technical Rationale

2. Mini webinar Development

- a. Mini Webinars
 - ~~i. CIP Virtualization Overview – April 23, 2020~~
 - ~~ii. ERC/IRA Webinar – May 7~~
 - ~~iii. Hypervisors and Storage Systems – May 28, 2020 (Scott K./Matt H./Jake B.)~~
 - iv. Virtual machines and Containers – June 11, 2020 (Jake B.)
 - v. Security perimeters that span geographic locations (SuperESP) – July 2, 2020 (Robert G.)
 - vi. Management Systems – TBD (NORM)
 - vii. Hardware and Software Reduction/Network Access Control/Automation of Compliance and Evidence Gathering – TBD (Scott K./Norm)
 - viii. Change Management – Do we want to add this? Combine with Automation of Compliance?

¹ See page 7.

- 3. CIP-011 and Virtual Storage Discussion**
- 4. ERC/IRA Q&A Document Discussion (Are changes necessary to accommodate the following four bullets?)**
 - a. Intent v. capability (serial IRA)
 - i. Do we need CIP-005 Requirement R2 Part 2.X? How does this relate to Requirement R1 Part 1.1.?
 - b. Scheduled Tasks
 - c. Definition of IRA – Transient Applicability (WebEx Users)
 - i. Defining the R in IRA.
 - d. Remote Access Client
- 5. CIP-005, CIP-007, CIP-010 Standard Review**
 - a. Conforming changes to other standards
 - b. Add CEC to CIP-007 and CIP-010
- 6. Outreach Opportunities**
 - a. RF Workshop (Matt, Jay, and Scott)
 - i. Poll Questions – Draft
- 7. Review Parking Lot List**
- 8. CIP Strategy**
 - a. GTB Split (IG/TR)
- 9. Future Meeting**
- 10. Adjourn**

Technical Rationale and Implementation Guidance Completion Status

| Document | Progress | Comments |
|----------------------------------------|-----------------|---------------------------------------------------------------------------------------------|
| CIP-005 Technical Rationale | 60% | Last of content needs to be added. |
| CIP-005 Implementation Guidance | 5% | Skeleton created. Content needs to be inserted. |
| CIP-007 Technical Rationale | 60% | Last of content needs to be added. |
| CIP-007 Implementation Guidance | 60% | Last of content needs to be added. |
| CIP-010 Technical Rationale | 60% | Last of content needs to be added. |
| CIP-010 Implementation Guidance | 60% | Last of content needs to be added. |
| Definitions | 85% | Working on Finish making conforming changes on ESP Discussion needed around SCI and TCA. |

Parking Lot Items

| Discussion Item | Comments |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|
| IRA discussion. Should system-to-system be excluded or included from the definition and/or Requirement R language. See notes from January 14, 2020 meeting. | CIP Leadership. |
| With the Multi-Site Data Center Extension discussion, I thought about the scenario of two distinct Control Centers using a single data center, and CIP-012 forcing encryption of data passed between a single locations. Also this will cause a hall of mirrors like scenario with the Data Center inclusion in the Control Center definition... with the single data center being a part of both control centers. | Scott Klauminzer |
| Consider removing the word "Documented" from the across all the CIP standards language. | Scott Klauminzer |
| How serial relates to ESZ and ESP / scoping of serial analysis | CIP Leadership |
| CIP-005 Serially connected to an IP converter. Is this forced into the ESZ? Cannot be an ESP bc they are not routable. CIP-005 R1 Part 1.1. Relationship to R2. | CIP-005 breakout team to review and address. |

| Parking Lot Items | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|
| <u>Discussion Item</u> | <u>Comments</u> |
| Third Party Cyber Assets within the exemption language. Do we need to ensure third party cyber assets are included in the exemption language? | Robert Garcia |
| Potential scope creep from word monitoring in the word PAMS (PAALS) Double check EAMS as well | Sharon Koller |
| Concept on R2 for hardening – consider thinking CIP-7 as hardening and staging and CIP-010 as maintaining | Will send comments to the SER team. |
| Decide if the team wants to handle M in EAMS in CIP-011 and remove from applicability. Needs to be discussed with BCSI SDT. | Matt and Mike |
| Duplicate new SCI applicability from CIP-007 2.1 and add where applicable throughout CIP-005, CIP-007, and CIP-010. Need to review CIP-005. CIP-007 and CIP-010 completed at September in-person meeting. | Jordan |
| Security patch applied. 1.1.5. concern about patching being removed such as Microsoft. | Scott |
| Add SCI to CIP-002 Part 2.1 or 2.2. (stemmed from BCA excluding SCI.) Was a CIP-003 concern that SCI is not a BCS. Caused by the exclusion from the BCA definition.) | Scott/Matt |
| Review all conforming changes needed within CIP-004 and definitions. | Mike K. |
| Fix CIP-006 R1 Part 1.10 for geographic location. | Scott K. |

Attachment 1 (June 4, 2020)

| Name | Company | Member/ Observer | Straw Vote (X) | Conference Call/Web (Y/N) |
|------------------|----------------------------------------------------------|---------------------|-------------------|---------------------------------|
| Jay Cribb | Southern Company | Co-Chair | | |
| Matthew Hyatt | Georgia System Operations Corporation | Co-Chair | | |
| Jake Brown | ERCOT | Member | | |
| Norman Dang | Independent Electricity System Operator of Ontario | Member | | |
| Robert Garcia | SPP, Inc. | Member | | |
| Scott Klauminzer | Tacoma Public Utilities | Member | | |
| Sharon Koller | ATC, LLC | Member | | |
| Forrest Krigbaum | Bonneville Power Administration | Member | | |
| Heather Morgan | EDP Renewables | Member | | |
| Mark Riley | Calpine | Member | | |
| Jordan Mallory | NERC | NERC Staff | | |
| Marisa Hecht | NERC | NERC Staff | | |
| Lonnie Ratliff | NERC | NERC Staff | | |
| Brian Allen | NERC | NERC Staff | | |
| Mike Keane | FERC | FERC | | |
| Jorge Reig | FERC | FERC | | |
| Jen Rinaldi | FERC | FERC | | |

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| Ken Lanehome | Bonneville Power Administration | PMOS | | |
| Kirk Rosener | CPS Energy | PMOS | | |

NERC Antitrust Guidelines

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Disclaimer

Participants are reminded that this meeting is public. Notice of the meeting was posted on the NERC website and widely distributed. The notice included the number for dial-in participation. Participants should keep in mind that the audience may include members of the press and representatives of various governmental authorities, in addition to the expected participation by industry stakeholders.

NERC Standards Development Process-Participant Conduct Policy

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NERC Email Listserv Policy

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