

# Meeting Notes

## Project 2016-02 Modifications to CIP Standards Drafting Team

February 19-21, 2019

### Administrative

Jay Cribb, Standard Drafting Team (SDT) Co-chair, called the meeting to order. Jordan Mallory reviewed the NERC Antitrust Compliance Guidelines and Public Announcement. Attachment 1-4 identifies the SDT members who attended the February 19-21, 2019, SDT meeting.

### CIP White Board Session

The CIP SDT took a three hour session to discuss concepts via white board drawings. The goal for the white board sessions was to get all SDT members on the same page regarding virtualization. The following lists highlights from white board session discussion.

- Zones are policy; not topology.
- The current standards allow for virtualization. Why do they need to be modified?
  - Virtualization is shining a light for the modifications needed, but other technology will require the change. These modifications will allow industry to get ahead of the new technology in the near future. Example: Some vendors are starting to move towards virtualization.
  - Changing the requirements to objective level requirements will allow for newer technology, newer security.
  - The current standards are not technology agnostic.
  - The team would like to move away from a layer 3 security requirements.
  - The modifications will help bring consistency among the CIP standards.

### Recap of White Board Session

Matt Hyatt provided a recap of the white board session for those in attendance on the phone and in the room. Please see the 'CIP White Board Session' section for all that was covered during this recap.

### Virtualization and Future Technology Concepts

The team discussed the Case for Change white paper.

### Working Session

What is the case for change?

- Security Control
- Technology agnostic

- Trying to get away from layer 3 security objective

#### Zero Trust Discussion:

- Access control: concern on how much needs to be shown during an audit around a zero trust model.
- Security objectives would need to be clear for a zero trust model.

#### Remedial/VLAN Discussion

- Remove the prescriptive language in the standard and make more objective requirement level without lowering security.
- How would the SDT get low impact entities on board? Most likely, low impact entities would not be impacted by this change during this level of discussion. Only way low impact entities would be impacted would be by modifying definitions.

#### BES Cyber System v. BES Cyber Asset

- Regrouping based on BES Cyber System will allow entities to group assets at a system level instead of per asset. Group examples would be as follows:
  - Used cases
  - Relays
  - Antivirus
  - One-to-one
  - Share a similar baseline/co-located
  - Scoping mechanism (software patching)
  - Same asset grouping
  - Reporting purposes

#### What is the risk to mitigate around isolation?

- Allow for cloud
- Things attached to a network
- About topology not policy
- Inferred requirements
- Applicability Colum = system / control = asset

#### Standard approach options:

- System up and Asset down
- Full system
- Parallel paths

Software Defined Security Policy-v. EAP/ESP (Topology) for defining security

The team adjourned the three day meeting at 11:29 a.m. central.

Action Items			
Action Item	Due Date	Comments	Owner
CIP-002 "Commission Date"	February 28, 2019, SDT Conference Call	Review the Planned Changes language and determine if "Commission date" is the correct phrase. Seems to be confusion on what the phrase means. See John's email for examples as to why Commission date does not work.	Jordan Mallory

### Attachment 1 (February 19, 2019)

Name	Company	Member/Observer	Straw Vote (X)	Conference Call/Web (Y/N)
David Revill	GSOC	Co-Chair		Y
Jay Cribb	Southern Company	Co-Chair		Y
Steven Brain	Dominion Energy	Member		Y
Jake Brown	ERCOT	Member		Y
Gerald Freese	NIPSCO	Member		Y
Scott Klauminzer	Tacoma Public Utilities	Member		N
Matthew Hyatt	Tennessee Valley Authority	Member		Y
Forrest Krigbaum	Bonneville Power Administration	Member		Y
Heather Morgan	EDP Renewables	Member		Y
Mark Riley	Calpine	Member		N

## Attachment 1 (February 19, 2019)

Name	Company	Member/ Observer	Straw Vote (X)	Conference Call/Web (Y/N)
Jordan Mallory	NERC	NERC Staff		Y
Marisa Hecht	NERC	NERC Staff		Y
Lonnie Ratliff	NERC	NERC Staff		Y
Michael Keane	FERC	FERC		Y
Jorge Reig	FERC	FERC		Y
Ken Lanehome	Bonneville Power Administration	PMOS		Y
Kirk Rosener	CPS Energy	PMOS		Y

## Attachment 1 (February 20, 2019)

Name	Company	Member/ Observer	Straw Vote (X)	Conference Call/Web (Y/N)
David Revill	GSOC	Co-Chair		Y
Jay Cribb	Southern Company	Co-Chair		Y
Steven Brain	Dominion Energy	Member		Y
Jake Brown	ERCOT	Member		Y
Gerald Freese	NIPSCO	Member		Y
Scott Klauminzer	Tacoma Public Utilities	Member		N
Matthew Hyatt	Tennessee Valley Authority	Member		Y
Forrest Krigbaum	Bonneville Power Administration	Member		Y
Heather Morgan	EDP Renewables	Member		Y
Mark Riley	Calpine	Member		Y
Jordan Mallory	NERC	NERC Staff		Y
Marisa Hecht	NERC	NERC Staff		N
Lonnie Ratliff	NERC	NERC Staff		Y
Michael Keane	FERC	FERC		Y
Jorge Reig	FERC	FERC		Y
Ken Lanehome	Bonneville Power Administration	PMOS		Y
Kirk Rosener	CPS Energy	PMOS		Y

## Attachment 1 (February 21, 2019)

Name	Company	Member/ Observer	Straw Vote (X)	Conference Call/Web (Y/N)
David Revill	GSOC	Co-Chair		Y
Jay Cribb	Southern Company	Co-Chair		Y
Steven Brain	Dominion Energy	Member		Y
Jake Brown	ERCOT	Member		Y
Gerald Freese	NIPSCO	Member		Y
Scott Klauminzer	Tacoma Public Utilities	Member		N
Matthew Hyatt	Tennessee Valley Authority	Member		Y
Forrest Krigbaum	Bonneville Power Administration	Member		Y
Heather Morgan	EDP Renewables	Member		Y
Mark Riley	Calpine	Member		Y
Jordan Mallory	NERC	NERC Staff		Y
Marisa Hecht	NERC	NERC Staff		N
Lonnie Ratliff	NERC	NERC Staff		Y
Michael Keane	FERC	FERC		Y
Jorge Reig	FERC	FERC		Y
Ken Lanehome	Bonneville Power Administration	PMOS		Y
Kirk Rosener	CPS Energy	PMOS		Y