Meeting Notes
Project 2016-02 Modifications to CIP Standards Drafting Team

April 10, 2023

Conference Call with Web Access

Administrative

1. **Introductions**
   The meeting was brought to order by the Chair, Jay Cribb, at 2:02 p.m. Eastern.

2. **Determination of Quorum**
   The rule for NERC Standard Drafting Team (SDT or team) states that a quorum requires two-thirds of the voting members of the SDT be present. Quorum was achieved and attendance is provided in the table below.

3. **NERC Antitrust Compliance Guidelines and Public Announcement**
   NERC Antitrust Compliance Guidelines and public announcement were reviewed by Laura Anderson, NERC staff. There were no questions raised.

Agenda

1. **Discussion**

   a. Requirement R2 – The SDT discussed Option A and Option B for Requirement R2. During these discussions, a third option that combines both Option A and Option B was drafted (Option C).

   o **Option A** – Methods to monitor, per system capability, at least once every 35 calendar days, for unauthorized changes that affect Applicable Systems where those changes alter the behavior of one or more cyber security controls, as defined by the Responsible Entity, serving one or more requirement parts in CIP-007; excluding procedural and physical controls. Document and investigate detected unauthorized changes;

   o **Option B** – Methods to monitor, per system capability, at least once every 35 calendar days, for unauthorized changes that include:

   2.1.1. Installation, removal, or update of operating system, firmware, software, or cyber security patches, including such changes to VCA parent images from which Applicable Systems will be instantiated;

   2.1.2. Configuration on each Applicable System that affects its routable protocol network accessibility;

   2.1.3. Configuration of CPU or memory sharing of VCAs on SCI;

   2.1.4. Configuration of malicious code prevention methods;

> **2.1.5.** Configuration of security event logging or alerting;
>
> **2.1.6.** Configuration of enforced authentication methods; and
>
> **2.1.7.** Changes to enabled or disabled status of accounts;
>
> ▪ Document and investigate detected unauthorized changes.

- **Option C** - Methods to monitor, per system capability, at least once every 35 calendar days, for unauthorized changes that affect Applicable Systems, where those changes alter the behavior of one or more cyber security controls, as defined by the Responsible Entity, serving one or more requirement parts in CIP-007; excluding procedural and physical controls, that at a minimum, include:

  > **2.1.1.** Installation, removal, or update of operating system, firmware, software, or cyber security patches, including such changes to VCA parent images from which Applicable Systems will be instantiated;
  >
  > **2.1.2.** Configuration on each Applicable System that affects its routable protocol network accessibility;
  >
  > **2.1.3.** Configuration of CPU or memory sharing of VCAs on SCI;
  >
  > **2.1.4.** Configuration of malicious code prevention methods;
  >
  > **2.1.5.** Configuration of security event logging or alerting;
  >
  > **2.1.6.** Configuration of enforced authentication methods; and
  >
  > **2.1.7.** Changes to enabled or disabled status of accounts.
  >
  > ▪ Document and investigate detected unauthorized changes.

- Will do a ranked vote
- Language will need to be trued up in Requirement R.1.1

b. After selection of the given options, Requirement R1 will need discussion to true up that requirement language.

c. A ranked vote on the given options will be conducted at the start of the next SDT meeting.

2. **Action Item Review**

a. SDT members to review the presented Options for Requirement R2 and be prepared to vote at the next meeting.

3. **Future meeting(s)**

a. April 13, 2023

b. April 17, 2023

4. **Adjourn -** The meeting adjourned at 3:58 p.m. Eastern

Attendance

Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Jay Cribb	Southern Company	Co-Chair	N	Y
Matthew Hyatt	Georgia System Operations Corporation	Co-Chair	N	Y
Jake Brown	ERCOT	Member	N	N
Norman Dang	IESO of Ontario	Member	N	Y
Robert Garcia	SPP	Member	N	Y
Scott Klauminzer	Tacoma Public Utilities, Tacoma Power	Member	N	Y
Sharon Koller	ATC, LLC	Member	N	Y
Heather Morgan	EDP Renewables	Member	N	Y
Mark Riley	AECI	Member	N	N
Ken Lanehome	BPA	PMOS	N	Y
Kirk Rosener	CPS Energy	PMOS	N	Y
Laura Anderson	NERC Staff	NERC staff	N	Y
Michael Keane	FERC	Observer	N	Y
Jenn Rinaldi	FERC	Observer	N	Y
Barry Kuehnle	FERC	Observer	N	Y
Hector Mendoza	Imperial Irrigation District	Observer	N	Y
Tristan Miller	CenterPoint Energy	Observer	N	Y
Joseph Gatten	Xcel Energy	Observer	N	Y
Heena Amin	Deloitte	Observer	N	Y
Aaron Williams	SCS Transmission	Observer	N	Y
Carl Epping	MRO	Observer	N	Y

	Attendance			
Name	Company	Member/ Observer	In-person (Y/N)	Conference Call (Y/N)
Craig Preuss	Black & Veatch	Observer	N	Y
Dan Grundman	Nuclear and Energy Consultant	Observer	N	Y
Ernie Schism	SERC	Observer	N	Y
Heaven Kadro	Deloitte	Observer	N	Y
John Griffin	Dragonfli Group	Observer	N	Y
Julie Severino	FirstEnergy	Observer	N	Y
Kelly Crist	Engie North America	Observer	N	Y
Melissa Greenup	City of Seattle	Observer	N	Y
Melissa Wehde	MEC	Observer	N	Y
Michael Spangenberg	MRO	Observer	N	Y
Mike Gabriel	Greybeard Compliance	Observer	N	Y
Mike Johnson	PG&E	Observer	N	Y
Rob Mcbee	SMUD	Observer	N	Y
Tracie Bushman	Idaho Power	Observer	N	Y
Teresa Turner	Synchronized Resources	Observer	N	Y
April Ford	Allianz Technology	Observer	N	Y
Andria Detel	Evergy	Observer	N	Y
Kim Koster	MEC	Observer	N	Y
Ruida Shu	NPCC	Observer	N	Y