NIST Voting Program Activities Update

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Overview

- Activities since 3/22-23 TGDC meeting
  - Continued research and drafting of VVSG
  - Coordination with the TGDC

- Agenda and aims of this meeting
  - Meeting focus
  - Meeting strategy and agenda
Next VVSG R&D

- **HFP**
  - Continued research in usability performance benchmarks
  - Continued Updates to usability and accessibility requirements
  - Broadening readback requirement language

- **CRT**
  - Reliability and accuracy benchmarks research
  - Final updates to EMC and quality requirements

- **STS**
  - Updates to access control, audit, cryptography, electronic & paper records, setup validation, logging,
  - New material: communications requirements, documentation, physical security, system integrity mgmt
  - Revisiting externally networked epollbooks while activating the ballot
  - Continued discussion of OEVT white paper
Coordination with TGDC

- NIST-TGDC work coordination
  - 23 telecons last March 22-23 TGDC meeting
  - Revisions and updates to much draft material
  - Numerous individual discussions

- VVSG May draft build
  - Over 750 pages, formatted
  - By and large, the VVSG is complete:
    - Waiting for usability performance benchmarks
    - Some material needs to be harmonized with previously written material
    - Some introductory and overview material needs to be added
    - Final technical editing and formatting will require 3 weeks at least
Aims of This Meeting

- Final TGDC meeting before VVSG delivery to EAC
- NIST needs approval NOW for most material

- Overall aims, therefore, are
  - To approve material and give final editing instructions to NIST
  - Discuss and decide upon how to approve remaining new material
Strategy for Presentations

- Day 1: Subcommittee presentations:
  - Summaries of all material by each subcommittee
  - Discussion of new or updated material
  - Final approval discussions and resolution

- Day 2: Presentations continued and next steps:
  - Future telecons for discussing and approving remaining material
  - Steps towards delivery of the draft VVSG to the EAC
Today’s Presentations

- Overview of the draft VVSG and final editing issues

- Core Requirements and Testing:
  - Summary overview
  - Benchmarks
  - Review of CRT Changes from the Previous VVSG Draft
  - Vote to approve CRT section

- Human Factors and Privacy:
  - Summary overview
  - Review of HFP Changes from the Previous VVSG Draft
  - Proposed change to resolution 01-07 requirement text
  - Update on usability performance benchmark numbers
  - Vote to approve HFP material
Tomorrow’s Presentations

- **Security and Transparency Committee:**
  - Summary overview
  - Epollbooks and external connectivity
  - Review of STS Changes from the Previous VVSG Draft
  - New material – Communications, Documentation, Physical security, System Integrity Mgmt
  - Vote to approve STS material

- **Next steps discussion:**
  - Final editing instructions
  - Future subcommittee telecons