

**Technical Guidelines Development Committee
May 21-22, 2007, Plenary Meeting**

**Draft VVSG Overview &
Production Issues**

May 21, 2007

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Technical Guidelines Development Committee

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Outline

- Discuss the remaining work to do before delivery to the EAC
- Review the goals and structure of the VVSG
 - how it's supposed to work
 - why it is what it is

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Overview of the Meeting

- Subcommittee presenters:
 - Provide an overview of significant material and changes from previous versions of the standards
 - Discuss changes and any new material
 - Hold votes for approving the material, possibly with changes
- TGDC and NIST:
 - Plan for reviews and approval of remaining material
 - Other discussion to be determined

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Goals of the Meeting

- By the end of this meeting, we anticipate having two 'stacks' of draft VVSG material:
 1. Approved material, possibly with changes
 2. Material requiring further TGDC discussion
- We will ask for a resolution for NIST to make final changes to stack 1's material (as we did for VVSG 2005)
- We will plan how to discuss and approve material in stack 2

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What Is and Is Not in this Draft

- The draft VVSG now includes all planned requirements material, with these caveats:
 - Some usability requirements need the final performance benchmark numbers
 - Some security material is new
 - Some requirements need technical edits and proper scoping
- What's in-progress and not yet in this draft:
 - Some introductory and informative material
 - Threat overview
 - Some summaries of significant changes

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What We Have Left to Do

- Revise consensus material as per TGDC instructions
- Review and agree upon remaining material
 - Continue telecons
- Complete technical edits
- Complete introductory and informative material
- Perform final document production
- Post the final VVSG on <http://vote.nist.gov>

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Introductory and Informative Material

- Volumes 2-5 are primarily for vendors and testing labs, but the language is/will be precise and clear to all audiences
- Volume 1 is in-progress and will contain:
 - Overview of the standards
 - How to read the document
 - What the language means, e.g., shall vs must vs should, informative vs. normative language
 - How to interpret requirements – the class structure, requirements fields
 - High-level overviews of the material
 - Significant changes since VVSG 2005
 - Threat summary linking major threats to major requirements
 - What isn't standardized or is only partially addressed

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Final Document Production

- We plan to deliver a high-quality product to the EAC that is organized well, is understandable to major audiences, and that facilitates its review by the EAC and public. NIST requires at least 3-4 weeks to:
 - Conduct cover-cover reviews
 - Perform technical editing
 - Harmonize material
 - Update and cross-reference the glossary terms
 - Produce final PDF with navigation aids (bookmarks, tables of links) and tags for text-speech readers

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High-level review of VVSG

- Goals:
 - To rewrite previous material
 - To make the requirements precise and testable
 - To aim for future voting systems and not necessarily today's
- Structure:
 - ISO structure chosen to reduce overlaps in material
 - Material is tightly coupled and not a collection of mini-standards
 - The requirements are built around the class structure

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Discussion