Draft VVSG Overview & Production Issues

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

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
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
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
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
Discussion