Practical Software and Systems Measurement

A foundation for objective project management

Security Measurement TWG

PSM Security TWG Meeting
26, 27 July 2006

John Murdoch, Cheryl Jones

Attendees

- Don Reifer
- Tom Conrad
- Gary Hafen
- Scott Rigby
- Nadya Bartol
- Michele Moss
- Cheryl Jones
- John Murdoch

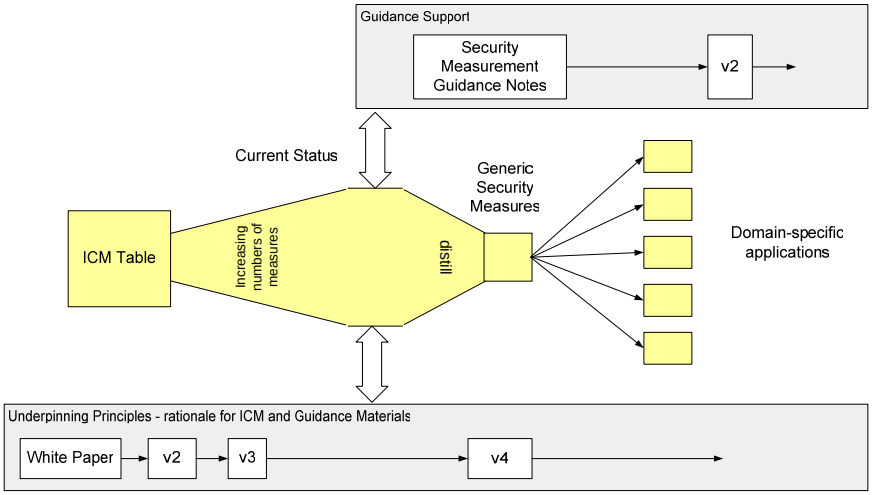
Workshop Objectives

- Outbrief from DHS Meeting of 20th July, presentation by Nadya Bartol
- Review current ICM Table
- Plan for next steps

Current Issues for the PSM TWG

- Large numbers of prospective measures are being identified, covering different aspects of security; meeting different needs
  - How to structure/ organize guidance material? How to keep the ICM Table to a usable size?
- Demand for practical guidance: how best to mature the work into guidance materials of use to practitioners?
- Methodology: to develop measures further, we need to engage with domain specialists in a systematic way: how best to do this?

Current Status of PSM TWG



Main Outcomes

- *Agreed strategy to develop security measurement guidance*
- *Agreed focus on developing simplified set of security measures and guidance on their application to different domains*
- *Three main viewpoints agreed: enterprise, build security in, network security. Anti-tamper considered but postponed, to be treated later as a specialty area.*
- *Set of top-level/ generic security questions*
- *Agreed set of tasks*

Actions[1]

- Clean up set of top-level questions 9/06 jm/cj
- Plan a Delphi exercise at next meet 10/06
- Develop basic guidance 9/06 jm/cj
- Clean up / streamline existing detailed ICM Table 9/06 jm/cj
- Map guidance to various standards/ approaches nb/mm
- Terminology map nb/mm

Actions[2]

- Tailor or provide tailoring guidance for various communities/ domains
- Pilot studies, invite participation, late 06 early 07
- Develop msmt sample specifications, considered core, priority (core data, base measures)
- Define core communities
- Consider different l/c phases under 15288 model.