



**SOFTWARE ASSURANCE FORUM**  
**BUILDING SECURITY IN**

## **Practical Software Assurance and Security Measurement**

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**Homeland Security**



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*Workshop Agenda*

- Document introduction 1:00 – 1:15
- Break out for document review 1:15 – 2:00
- Review sections
  - Introduction 2:00 – 2:15
  - Common Measurement Framework 2:15 – 3:30
- Break (at some point while reviewing)
- Review sections
  - Data Sources for SwA Measurement 3:30 – 4:15
  - Appendixes 4:15 – 4:45
- Summary of comments and next steps 4:45 – 5:00

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*Introduction*

- Background
- Purpose and Scope
- Assumptions
- Key Definitions
- Principles
- Document Structure


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*Common Measurement Framework*

- Stakeholder Goals and Information Needs
- Key Measures
- Integrated Measurement Approach
  - Common Measure Specification
  - Implementing Measures


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## SOFTWARE ASSURANCE FORUM BUILDING SECURITY IN *Data Sources for SwA Measurement*

- Enumeration Schemas
- Automated Tools


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## SOFTWARE ASSURANCE FORUM BUILDING SECURITY IN *Appendixes*

- Appendix A – References
- Appendix B – Acronyms
- Appendix C – Definitions
- Appendix D – Measurement Methodologies and Resources
- Appendix E – Common Measure Specification


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*Questions for Review – Sections 1 and 2*

- Introduction
  - Do the SwA Principles speak to you as a measurement practitioner?
  - Are there any key principles missing?
  - What would you add or change?
- Common Measurement Framework
  - Are example information needs useful?
  - Would you ask similar questions?
  - What would you add or change?
  - Are example measures useful?
  - What would you add or change?
  - Would you be able to use example information needs and measures within PSM or another measurement framework that you are using?

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*Questions for Review – Section 3 and Appendixes*

- Data Sources for SwA Measurement
  - Are enumerations explained sufficiently?
  - Are example measures useful?
  - What would you add or change?
  - Would you be able to use example information needs and measures within PSM or another measurement framework that you are using?
  - Are there any tools you would recommend adding?
- Appendixes
  - Does the framework speak to you as a measurement practitioner?
  - Are there any resources you would recommend adding?

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