GSAW 2013 Tutorial F:

Introduction to Department of Defense Architecture Framework (DoDAF) Version 2.0

Length: Full day

Overview:

The Department of Defense Architecture Framework (DoDAF), the DoD's guide for documenting enterprise architectures, has been updated to Version 2.0. While Version 2.0 is compatible with the earlier versions, it is based on a more data focused approach and includes significant new guidance, additional viewpoints and views (products), and new terminology. The tutorial will provide an overview of DoDAF Version 2.0, including an overview of the new DoDAF common data models and the complete set of viewpoints and DoDAF-described models together with their relationships to the DoDAF data models. An integrated set of examples from the new FEAC textbook (Rao, Reedy, & Bellman: FEAC Certified Enterprise Architect CEA Study Guide, McGraw-Hill, 2011) will be included. These examples will be updated to reference ground systems as much as possible. The tutorial will include a hands-on exercise that will help participants gain a better understanding of a basic set of DoDAF views and how common data is the integrating factor in DoDAF architectures. The tutorial will cover the guidance for selecting the set of data and views, both DoDAF-described and "fit for purpose," appropriate for a given architecture. Advice will be included on the basic views to include in Enterprise, Segment, and Solution level architectures. An example of this planning process will be included. In addition, the tutorial will include experienced-based advice on "what not to do."

Instructor: Ann Reedy, Federated Enterprise Architecture Certification (FEAC) Institute

Biography:

Ann Reedy has a PhD in Computer Science and over 30 years experience in industry and academia. Her early background includes development of analyst support database systems and software development environments. For the last 15 years, her major emphasis has been on work with enterprise architecture and enterprise architecture frameworks. She participated in the early stages of the development of the DoDAF (C4ISR Architecture Framework and DoDAF through Version 1.0) and has assisted DoD and other Federal agencies in adapting the DoDAF for their specific needs and in using the DoDAF to develop enterprise architectures. One of her special interest areas is the inclusion of security in enterprise architectures. She currently teaches college credit classes for the FEAC Institute and continues to work part time for the MITRE Corporation. She is a co-author of the FEAC Institute textbook Rao, Reedy, & Bellman: FEAC Certified Enterprise Architect CEA Study Guide, McGraw-Hill, 2011.

What Participants Should Expect to Learn:

Tutorial attendees should come away with an understanding of key DoDAF Version 2.0 terminology, an overview of the contents of DoDAF Version 2.0, an introductory knowledge of a set of basic DoDAF-described models, and an understanding of how to select DoDAF data and views for an architecture.

Who Should Attend:

This tutorial will provide an introduction to DoDAF Version 2.0 that is suitable for both newcomers to enterprise architecture frameworks and DoDAF and those familiar with DoDAF Version 1.0 or 1.5. Attendees do not need prior knowledge of enterprise architecture, enterprise architecture frameworks, or DoDAF, but some familiarity with system engineering processes and techniques will be useful.