


The Enterprise Architecture Workspace

Enhancing the Management of your Architecture Blueprint



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Agenda

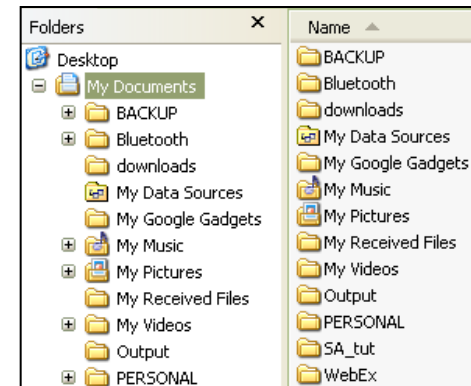
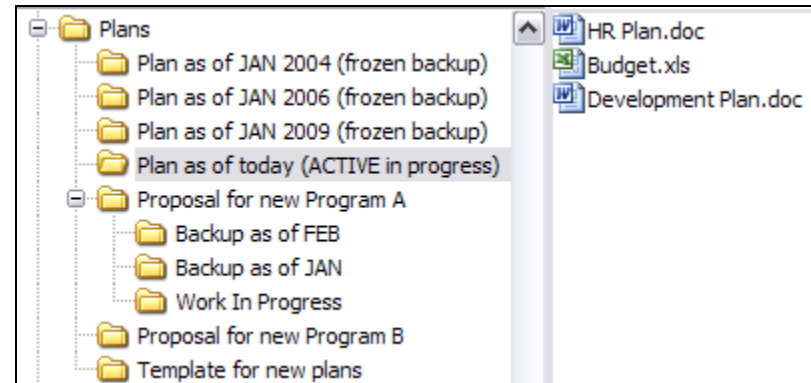
- Partitioning
 - Define it, Explain it and describe feature set
- Enterprise Architecture as a Blueprint
 - The EA lifecycle and the implementation lifecycle
- The Enterprise Architecture Workspace
 - Basic Concepts
 - Usage Patterns
 - “As Is” – “To Be” ; Baselines & Variants
 - Change Management Interface
 - Peripheral Tools
 - What workspace is not
- Demonstration
- Future Direction & Evolution
- Q&A, Discussion

Partitioning the EA repository

- The term “partitioning” is used to describe various capabilities
 - It is a theme rather than a feature
- These capabilities have all some common aspects
 - The ability to handle large encyclopedias (many model elements)
 - In a large team setup (many users)
 - In a large project setup (many tasks)
- However these capabilities are distinct and unique
 - Therefore using the term “Partitioning” may lead to confusion as it is not quite clear what one may be referring to
 - The following slides will explain the “theme” and how it is broken down to features in SA

Partitioning - Refined

- **Views:** The ability to define sets of data to be presented in a distinct, user defined, single explorer window
 - Static: list of model elements
 - Dynamic: List based on query results
- **Workspaces:** A concept describing an isolated area within an encyclopedia dedicated to the performance of a certain task(s)
 - Calls for utilities that help define, manage and compare workspaces
 - While this allows two elements with the same type and the same name to exist in multiple workspaces, these are in fact versions of the same element
- **Folders:** A concept describing an organization method similar to standard file system ordering
 - Once completed will effectively support a namespace concept where two elements with the same name of the same type can exist in two folders
 - Each workspace can contain multiple folders

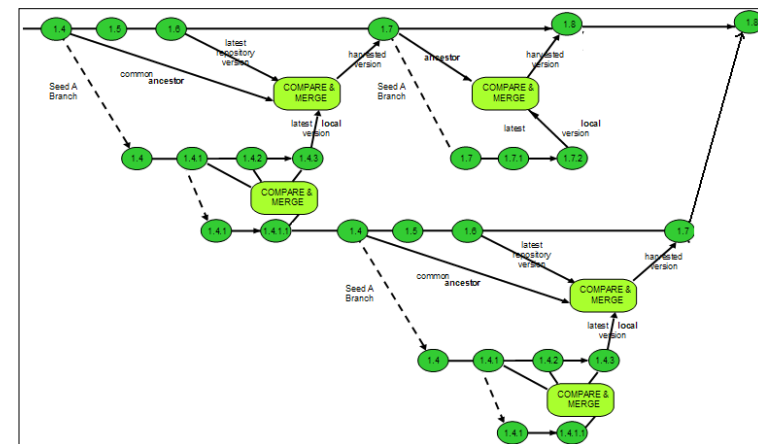


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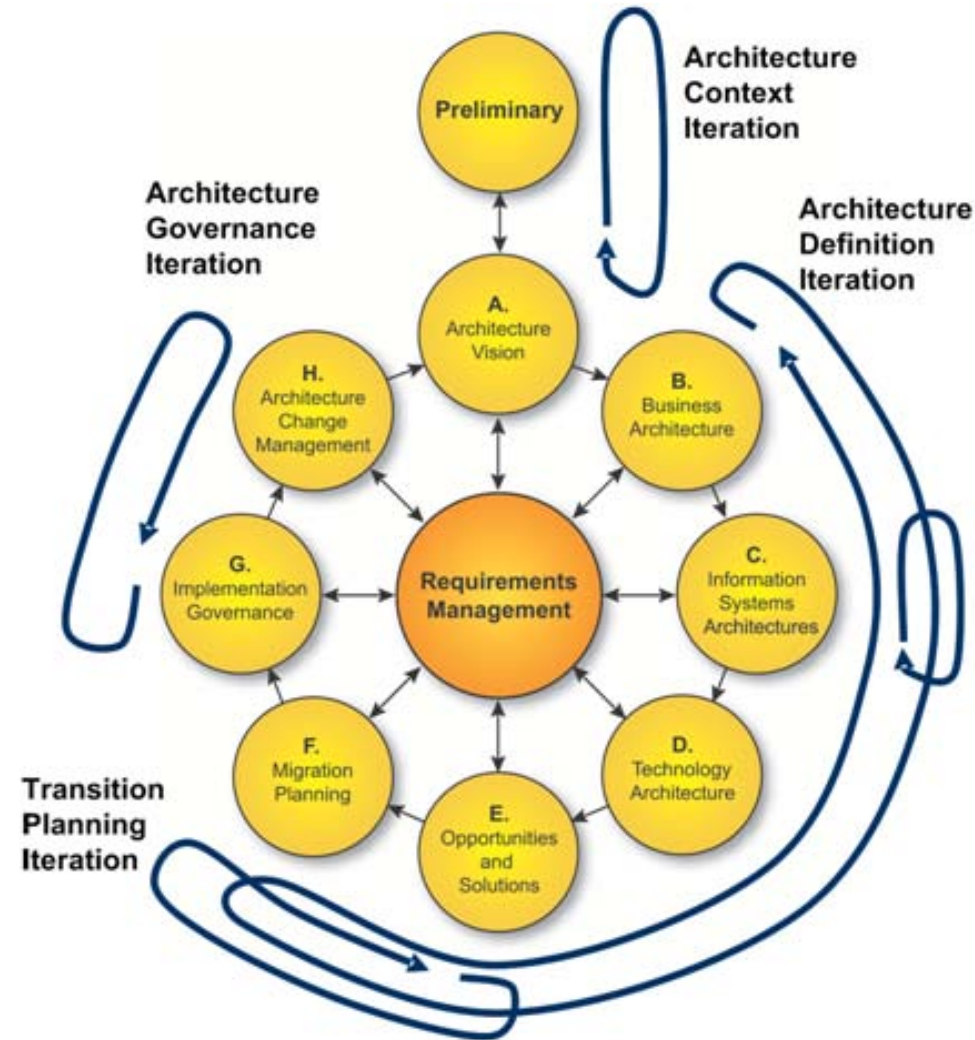
The Implementation & Deployment Lifecycle

- This talk is NOT about implementation & deployment
 - But we do want to contrast & compare, as well as set context
- Construction Tools involved
 - Debuggers, Compilers, Editors, Test Suites, Modeling, Deployment
- Change Management tools
 - Bug trackers, Task management, Source Control and Configuration
- Change is
 - Frequent, rapid, reviewed quickly, light-medium approval cycle
 - Multiple simultaneous changes made to the same artifacts as common practice
- The main output is “something that runs”
 - Multiple branches could exist
 -as multiple releases exist



The EA Lifecycle

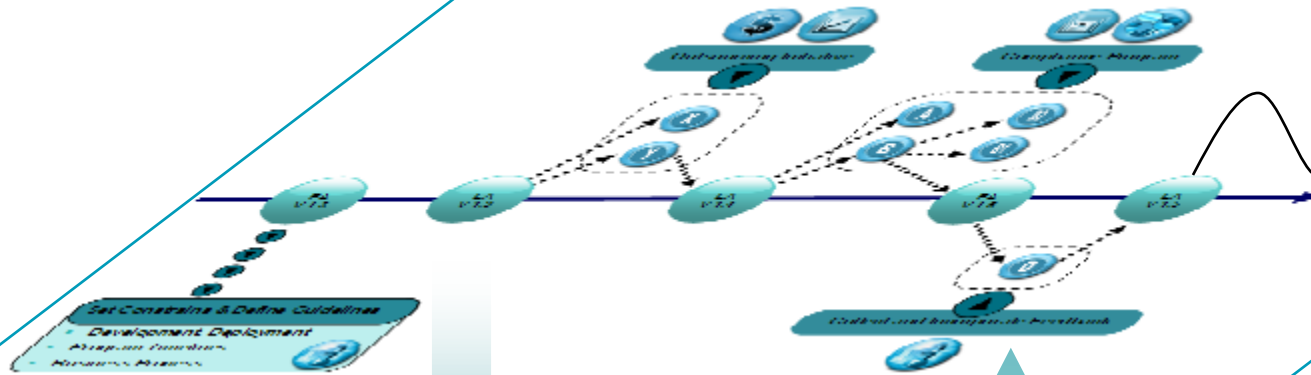
- Construction Tools involved
 - Enterprise Architecture Modeling (Strategy, Business Process, High Level Architecture, Services and Capabilities, Roadmaps, Organizations, Plans)
 - Documentation & Reporting
- Change is
 - Continuous, slower, medium-high approval cycle (governance)
Change i/f, Audit IDs, Refined ACL
 - Multiple plans and programs are proposed
- The main output is an architecture blueprint
 - Recommendations
 - Constraints
- How to transition and decide between blueprints
 - Timelines
 - Costs



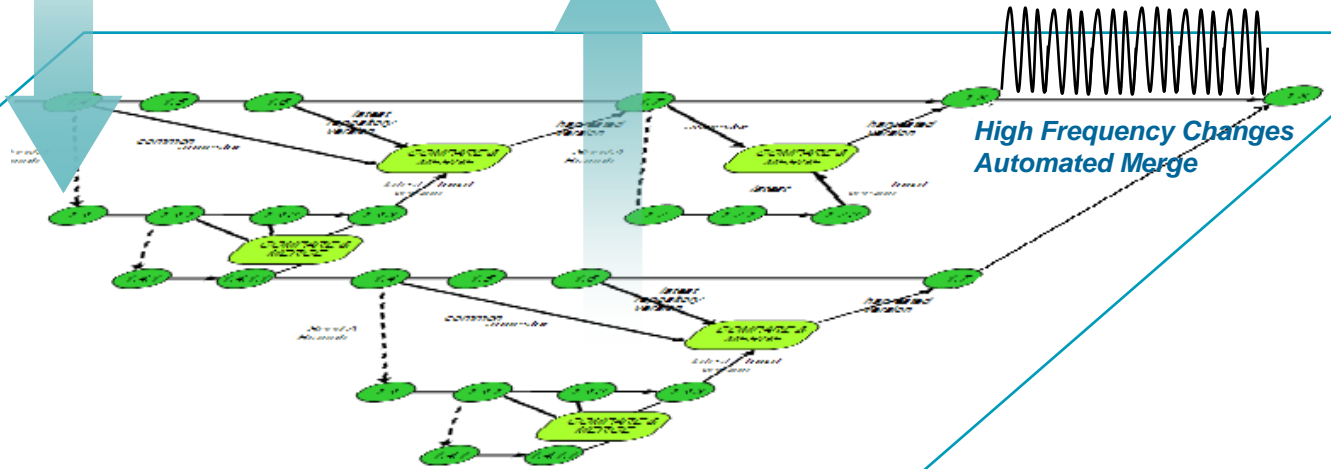
TOGAF 9 ADM



*Low Frequency Changes
Merge (from various sources)
Reviewed Manually*



*High Frequency Changes
Automated Merge*



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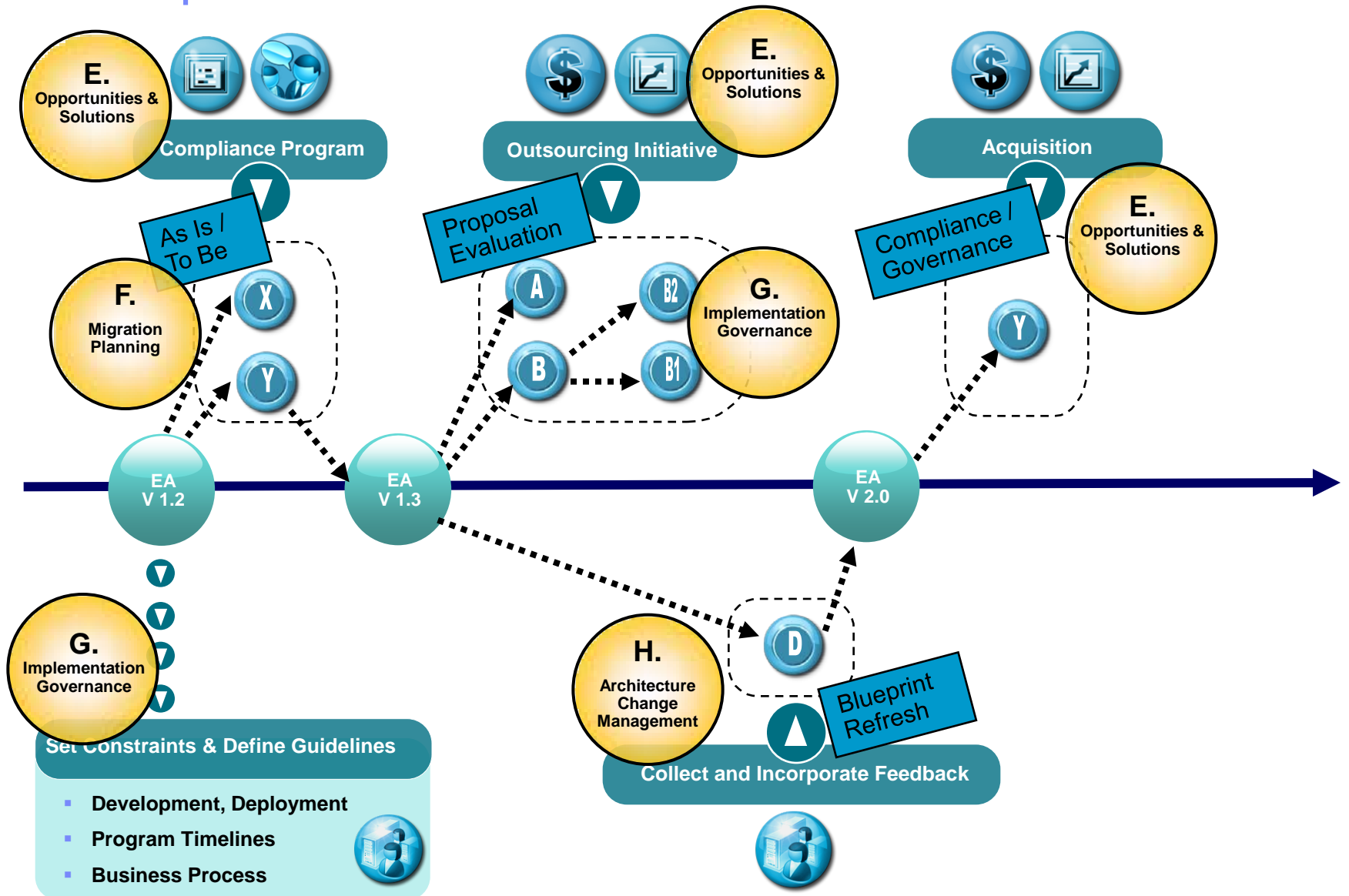
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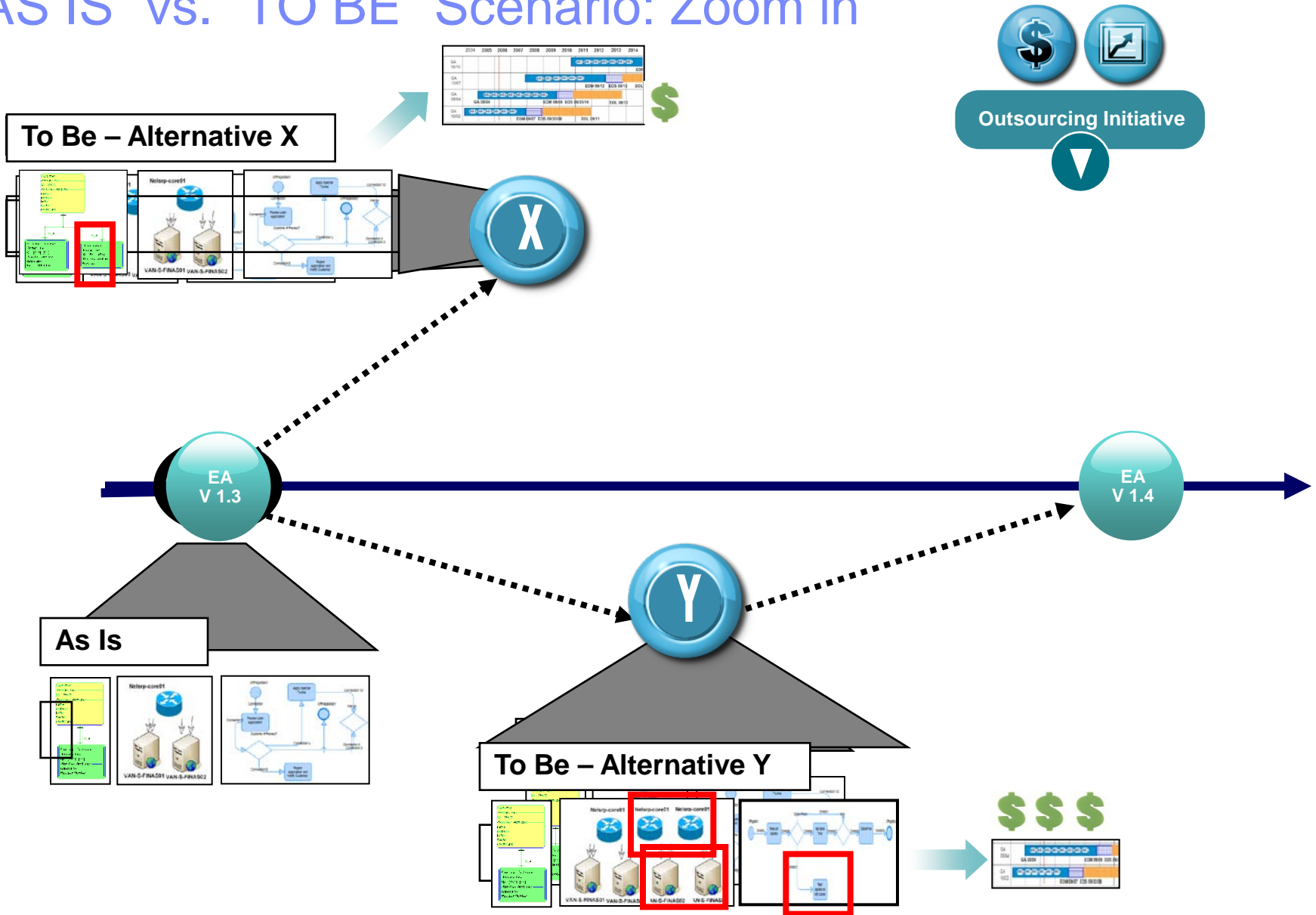
What is a Enterprise Architecture Workspace ?

- A container of EA modeling artifacts
 - Spans across Definitions, Diagrams, Symbols etc
 - Spans across domains (Business Modeling, Strategy Mapping, Network Diagrams, Organization charts etc)
- The workspace is isolated for the purpose of dedicated project, program etc
 - Changes done in this workspace will not affect the master blueprint
 - Once approved, changes can be rolled up into the master blueprint
- A workspace can be “baselined”
 - A frozen snapshot in time of the entire architecture
- New workspaces can be created from a “baselined” workspace
 - Spawn a new project with pre populated content
- Changes in Workspaces can be associated with tasks or change request in a change tracking system

EA Workspace Patterns



“AS IS” vs. “TO BE” Scenario: Zoom in



What a workspace is not...

- It is not a UI filter

- Use the “views” feature introduced in SA 11.0
- Static & Dynamic views should be used as UI filters

- It is not a folder

- Using workspace as a folder may bring about undesired results

 - Users cannot report across workspaces

 - Users cannot link/relate items across workspaces

- Examples:

 - DO: Create a Workspace to modify the existing EA Repository in order to develop a proposal

 - DON'T: Create a workspace describing the HR department and another for the Finance department

 - You will not be able to relate the HR manager to the Finance database



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Considered future evolution

- Explicit versioning
- Unified comparing utilities
- Partitioning Step 3/3: Folders
- Workspace associated with change requests or tasks



The word "Questions" is rendered in a large, stylized font. Each letter is filled with a light blue gradient and contains a circular inset photograph of a person. The 'Q' shows a man in a white shirt pointing. The 'U' shows a man in a white shirt and tie. The 'E' shows a man in a dark suit. The 'S' shows a man in a dark suit. The 'T' shows a man in a dark suit. The 'I' shows a man in a light-colored shirt and tie. The 'O' shows a woman in a dark jacket. The 'N' shows a woman in a dark jacket. The 'S' shows a man in a light-colored shirt and tie. The letters have a slight 3D effect with a white outline and a soft shadow.



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