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Version 9.1 Enterprise Edition
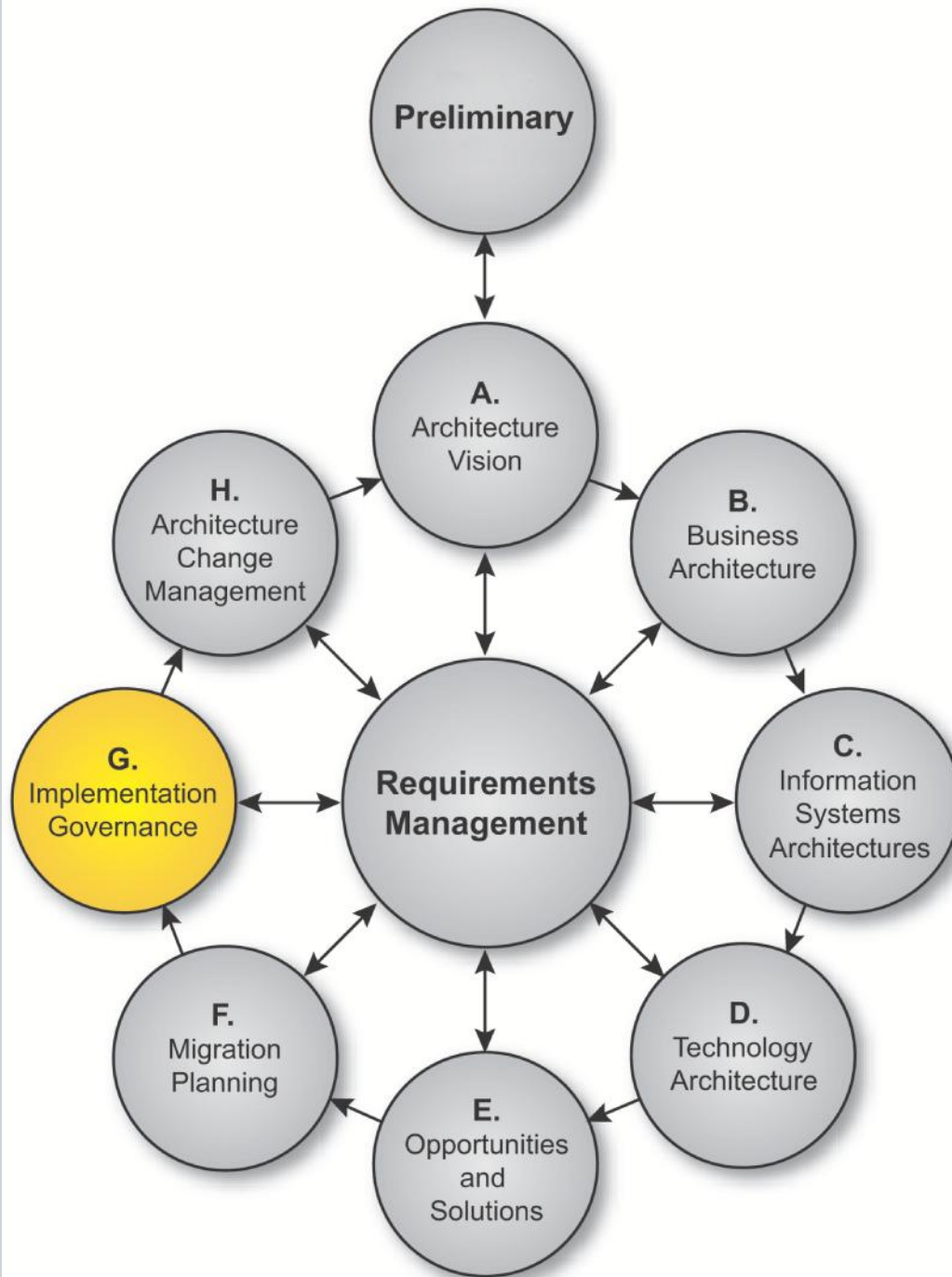
Module 26
Phase G
Implementation
Governance

Phase G
Implementation
Governance

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Module Objectives

The objectives of this module are to understand:

- The objectives of Phase G, Implementation Governance
- What it consists of
- What inputs are needed for it
- What the outputs are

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Phase G Objectives

- Ensure conformance with the Target Architecture by implementation projects

- Perform appropriate Architecture Governance functions for the solution and any implementation-driven architecture Change Requests

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Approach

- Phase G relates the architecture to the implementation through the Architecture Contract

- The information for successful management of the projects must be brought together

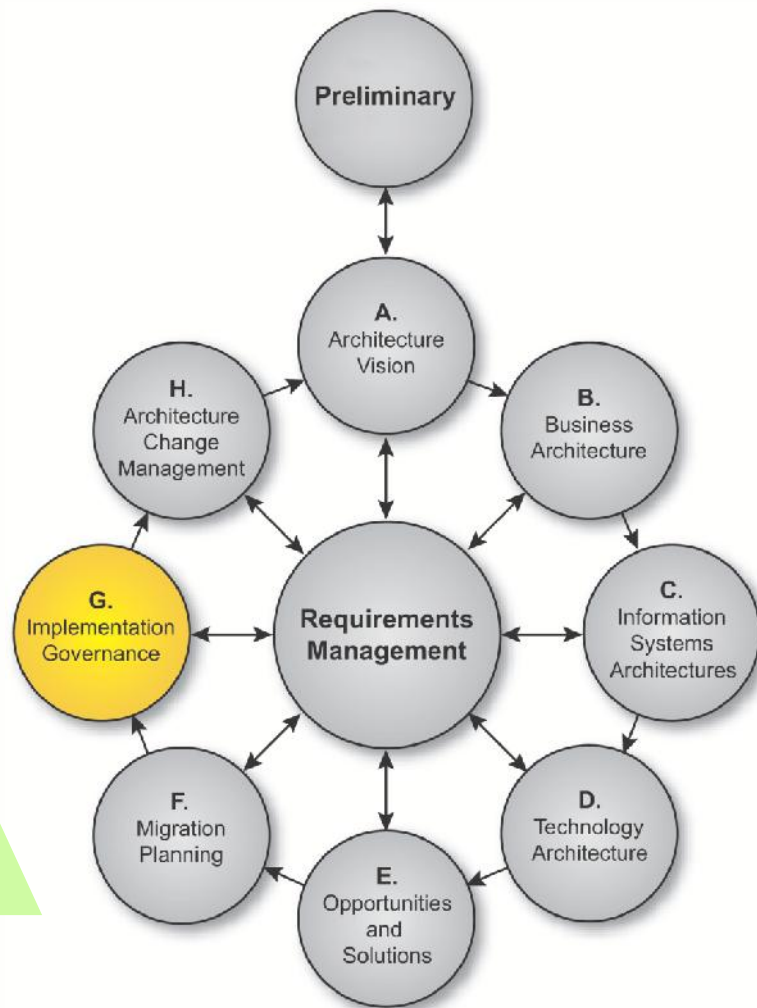- The development happens in parallel with Phase G

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Approach

- Establish an implementation program that will enable the delivery of the Transition Architectures agreed for implementation during the Migration Planning phase

- Adopt a phased deployment schedule that reflects the business priorities embodied in the Architecture Roadmap

- Follow the organization's standard for corporate, IT, and architecture governance

- Use the organization's established portfolio/program management approach, where this exists

- Define an operations framework to ensure the effective long life of the deployed solution

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Approach

- Establish the connection between the architecture and implementation organization through the Architecture Contract

- Project details are developed, including:
  - Name, description, and objectives
  - Scope, deliverables, and constraints
  - Measures of effectiveness
  - Acceptance criteria
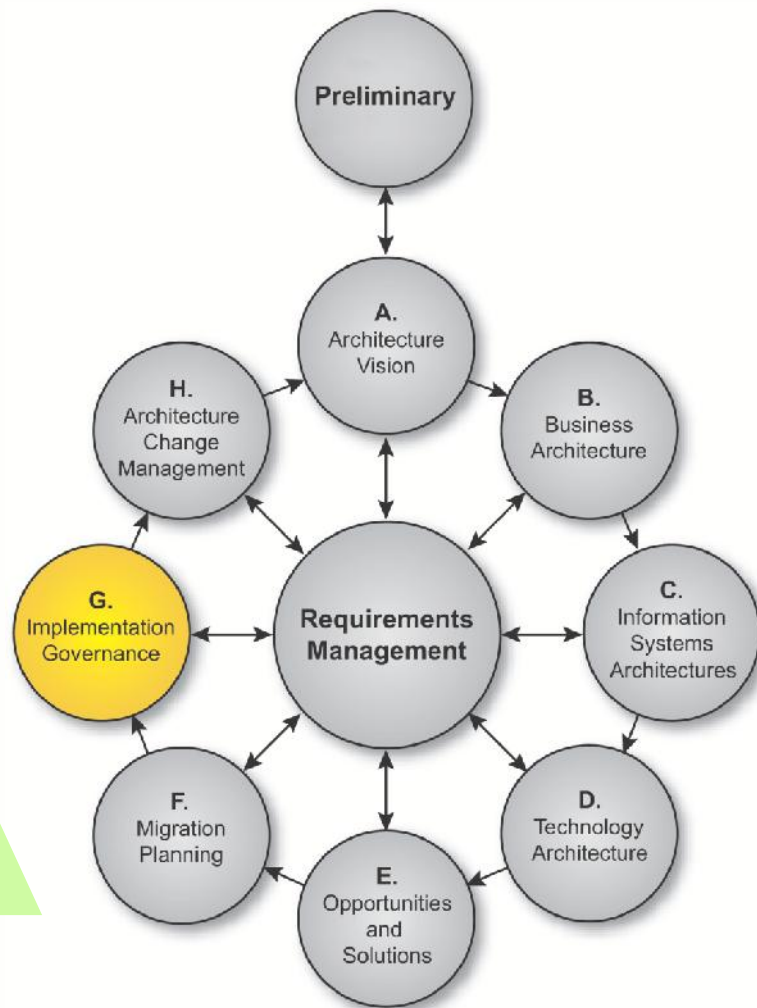 - Risks and issues

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Phase G: Inputs

- Request for Architecture Work
- Capability Assessment
- Organizational model for EA
- Tailored Architecture Framework
- Statement of Architecture Work
- Architecture Vision
- Architecture Repository
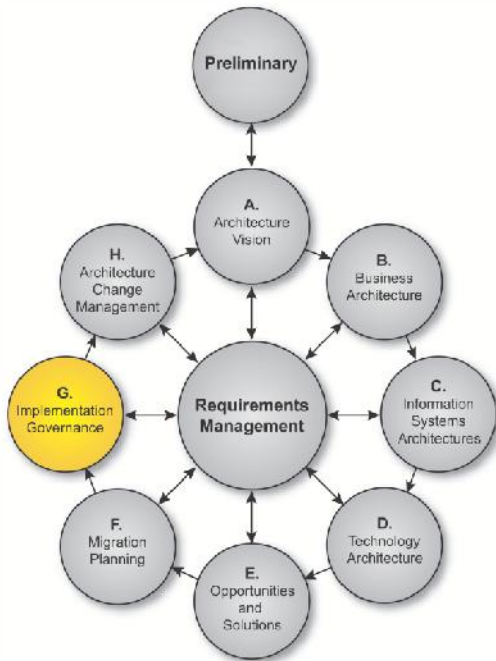- Architecture Definition Document

Continued

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Phase G: Inputs

- Architecture Requirements Specification
- Architecture Roadmap
- Implementation Governance Model
- Architecture Contract
- Request for Architecture Work from E and F
- Implementation and Migration Plan

Steps

6. Do post-implementation review, close the implementation

5. Implement business and IT operations

4. Perform EA compliance reviews

3. Guide development of solutions deployment

2. Identify deployment resources and skills

1. Confirm scope and priorities for deployment with the development management

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Step 1: Confirm scope and priorities

- Review migration planning outputs and produce recommendations on deployment
- Identify enterprise architecture priorities for development teams
- Identify deployment issues and make recommendations
- Identify building blocks for replacement, update, etc.
- Perform gap analysis on enterprise architecture and solutions framework
- Produce a gap analysis report

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Step 2: Identify deployment resources and skills

- Identify system development methods required for solutions development

- Ensure that the systems development method enables feedback to the architecture team on designs

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Step 3: Guide development of solutions deployment

- Formulate project recommendations

- Document Architecture Contract

- Update Enterprise Continuum directory and repository for solutions

- Guide development of business & IT operating models for services

- Provide service requirements derived from EA

- Guide definition of business & IT operational requirements

- Carry out gap analysis: Solution Architecture vs. operations

- Produce Implementation Plan

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Step 4: Perform EA compliance reviews

- Review ongoing implementation governance and architecture compliance for each BB
- Conduct post-development reviews
- Close development part of deployment projects

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Step 5: Implement business and IT operations

- Carry out deployment projects including: IT services delivery implementation; business services delivery implementation; skills development & training implementation; communications documentation publication

- Publish new Baseline Architectures in the Architecture Repository and update other repositories, such as operational configuration management stores
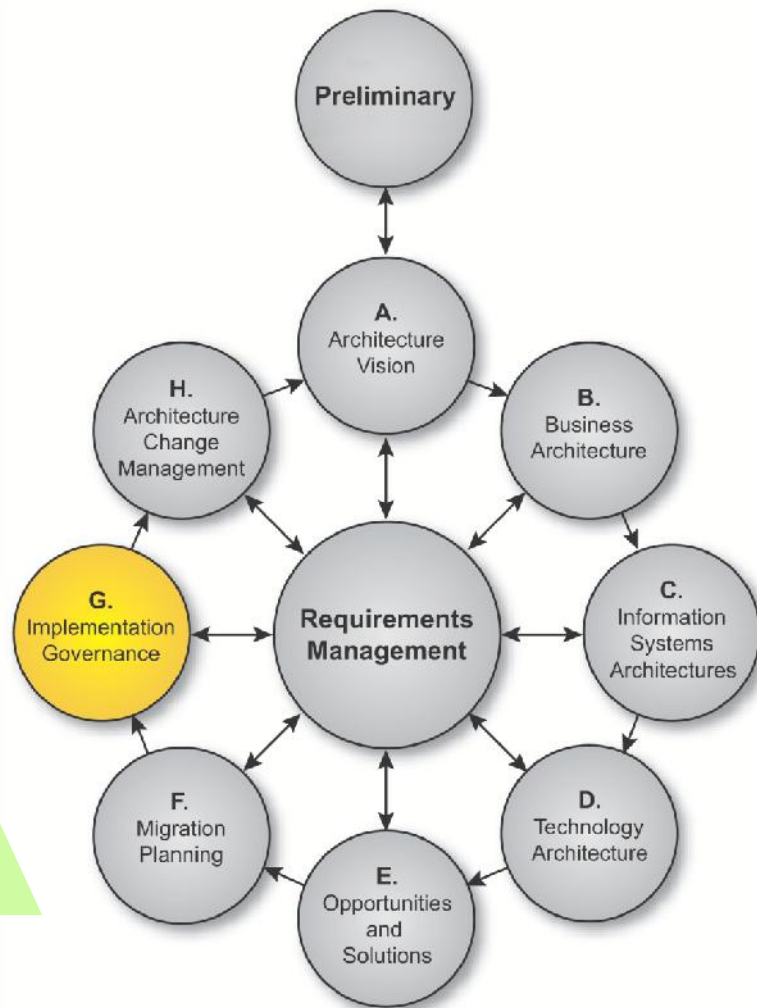
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Step 6: Do post-implementation review, close the implementation

- Conduct post-implementation reviews
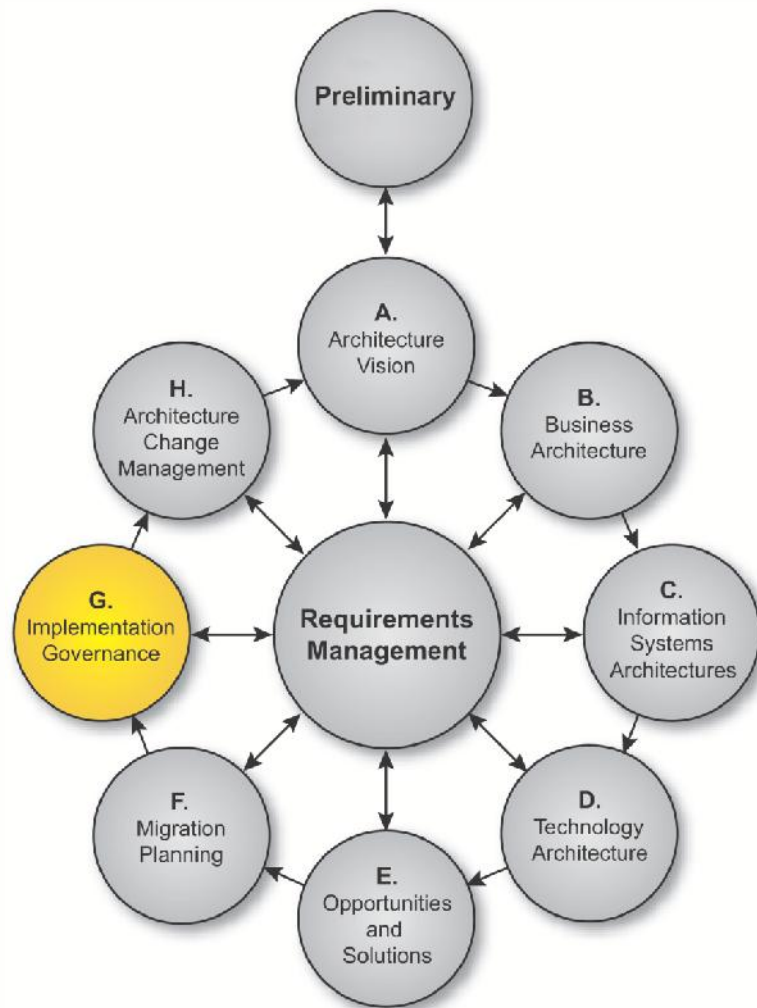- Publish reviews and close projects

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Phase G Outputs

- Architecture Contract (signed)
- Compliance Assessments
- Change Requests
- Architecture-compliant solutions deployed, including:
  - Implemented system
  - Populated Architecture Repository
  - Recommendations and dispensations
  - Service delivery requirements
  - Performance metrics
  - SLAs
  - Architecture Vision
  - Architecture Definition Document
  - Transition Architecture
  - Business and IT operating models

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Summary

- **Phase G** defines architecture constraints on the implementation projects and constructs and obtains signatures on an Architecture Contract

- The contract and documentation is delivered to the implementation team

- The phase includes governing the architecture through implementation by compliance reviews and by risk monitoring
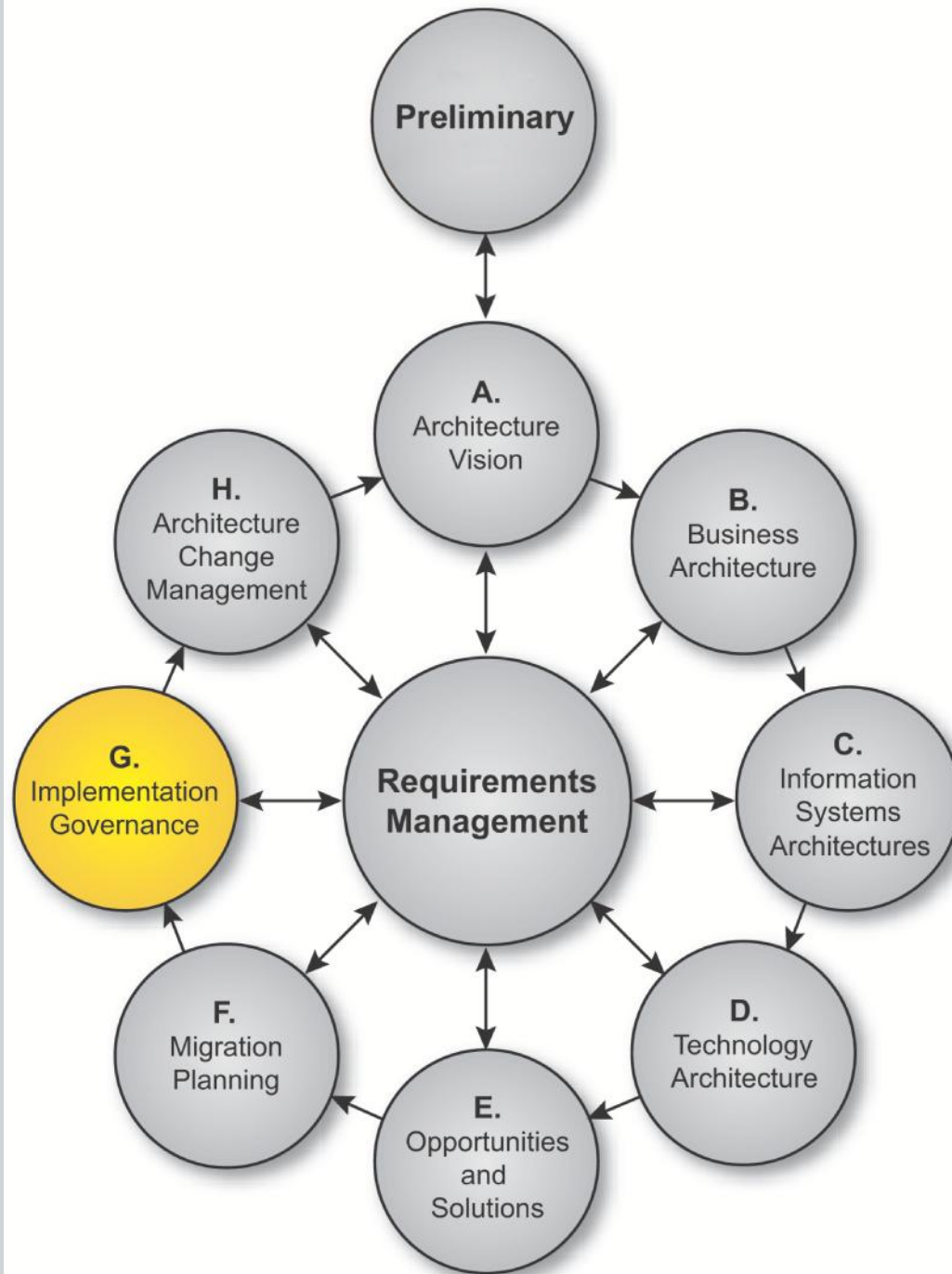
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Summary

Phase G: Implementation Governance			
Objectives	**Steps**	**Inputs**	**Outputs**
Ensure conformance with the Target Architecture by implementation projects

Perform appropriate Architecture Governance functions for the solution and any implementation-driven architecture Change Requests | Confirm scope and priorities for deployment with development management

Identify deployment resources and skills

Guide development of solutions deployment

Perform enterprise architecture compliance reviews

Implement business and IT operations

Perform post-implementation review and close the implementation | Request for Architecture Work

Capability Assessment

Organizational Model for Enterprise Architecture

Tailored Architecture Framework

Statement of Architecture Work

Architecture Vision

Architecture Repository

Architecture Definition Document

Architecture Requirements Specification

Architecture Roadmap

Implementation Governance Model

Architecture Contract

Request for Architecture Work identified in Phases E and F

Implementation and Migration Plan | Architecture Contract (signed)

Compliance Assessments

Change Requests

Architecture-compliant solutions deployed, including:
•* The architecture-compliant implemented system
•* Populated Architecture Repository
•* Architecture compliance recommendations and dispensations
•* Recommendations on service delivery requirements
•* Recommendations on performance metrics
•* Service Level Agreements (SLAs)
•* Architecture Vision, updated post-implementation
•* Architecture Definition Document, updated post-implementation
•* Business and IT operating models for the implemented solution |

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Test Yourself Question

Q. Which one of the following provides a foundation for governing the implementation of the recommended projects?

A Impact Analysis

B Principles

C Strategic Plan

D Architecture Contracts

E Risk Assessment

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Phase G Implementation Governance

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