



Briefing

Managing the Life Cycle of Net-Centric Architectures

Bellevue WA
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Background

▶ **Corporate Information Initiative (1989-1995)**

- Technical Architecture for Information Management (TAFIM)
- Joint Technical Architecture (JTA)
- Command & Control Core Architecture (C2 Core)
- Command, Control, Communications, Computing, Intelligence, Security & Reconnaissance (C4ISR) Architecture Framework

▶ **Net-Centricity (1996 – Present)**

- Global Information Grid (GIG) Architecture
- Net-Centric Operation & Warfare Reference Model (NCOW-RM)
- Net-Centric Environment

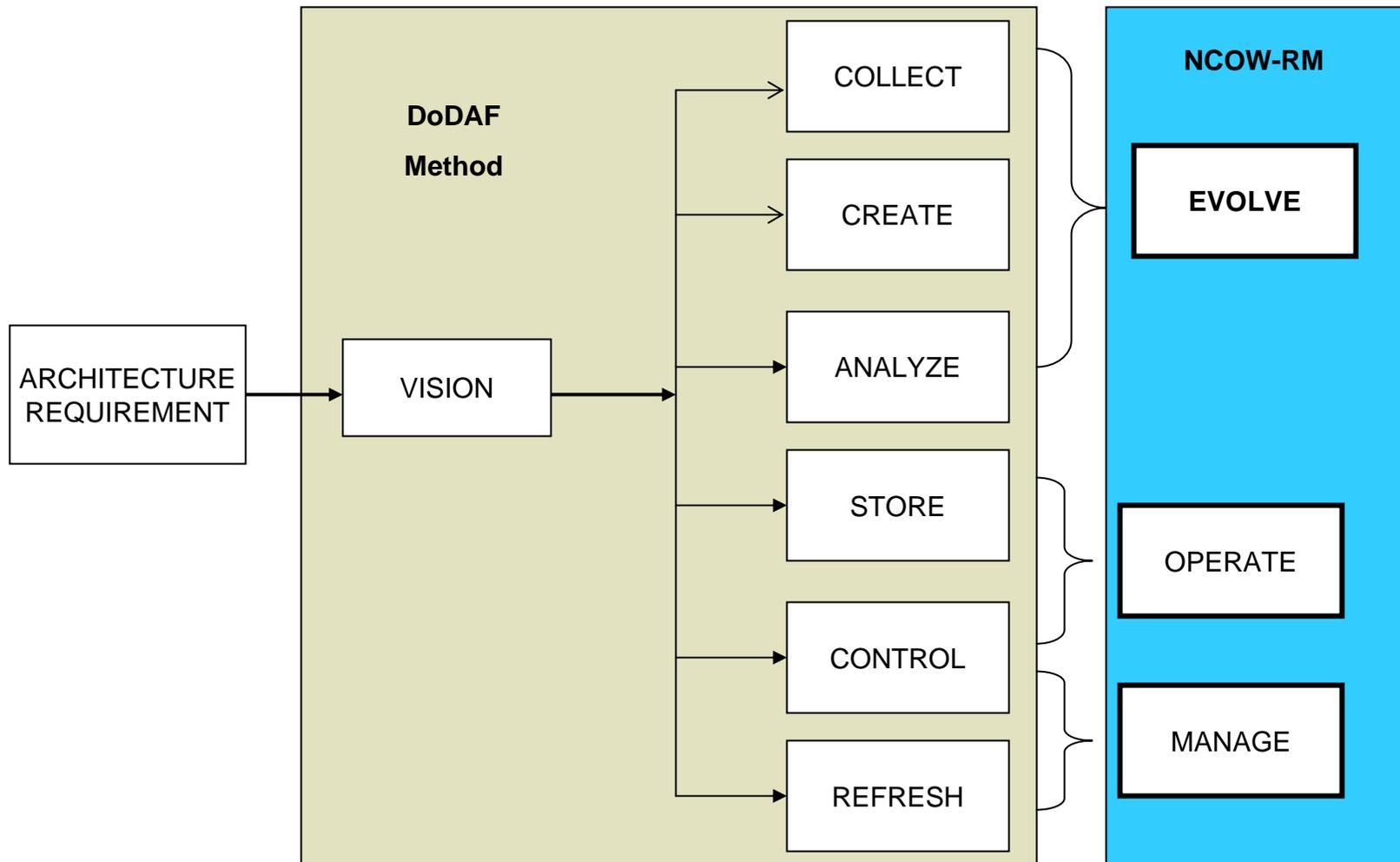
▶ **Departmental Operations**

- Clinger-Cohen Act (IT Management Reform Act)
- DoD Architecture Framework, version 1.0, 1.5, and 2.0 (Draft)

Introduction

- ▶ Architecture as a powerful management tool
- ▶ Increasing the power of architecture
 - Data-centricity
 - Net-centricity
 - Information validity
 - Services Management
 - Executability
- ▶ The Enterprise Architecture life Cycle

Linking the Architecture life Cycle to Net-centric Models



The Net-Centric Architecture Life Cycle



EVOLVE Facilitators:

- DoDAF & other architecture frameworks
- GIG
- NCOW-RM
- Info Assurance
- Net-centric Data
- Strategy

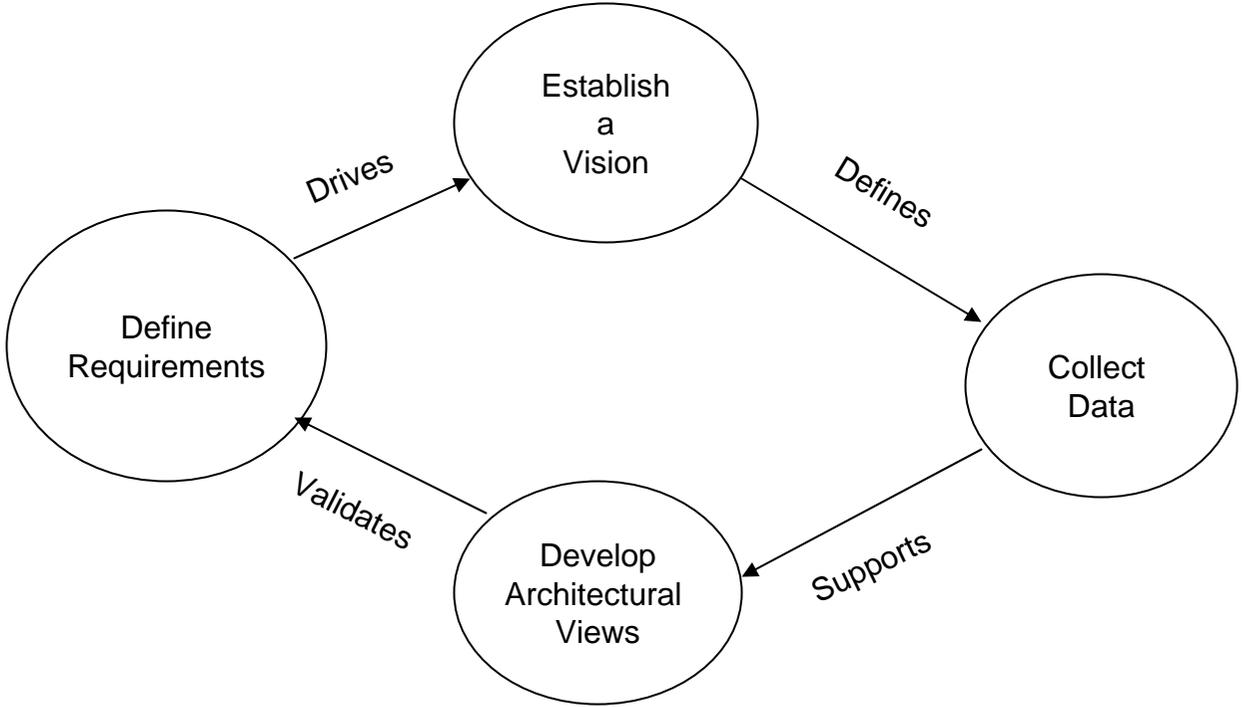
OPERATE Facilitators:

- GIG, V. 1
- NCES
- GIG Enterprise SVS Strategy (CES COI)

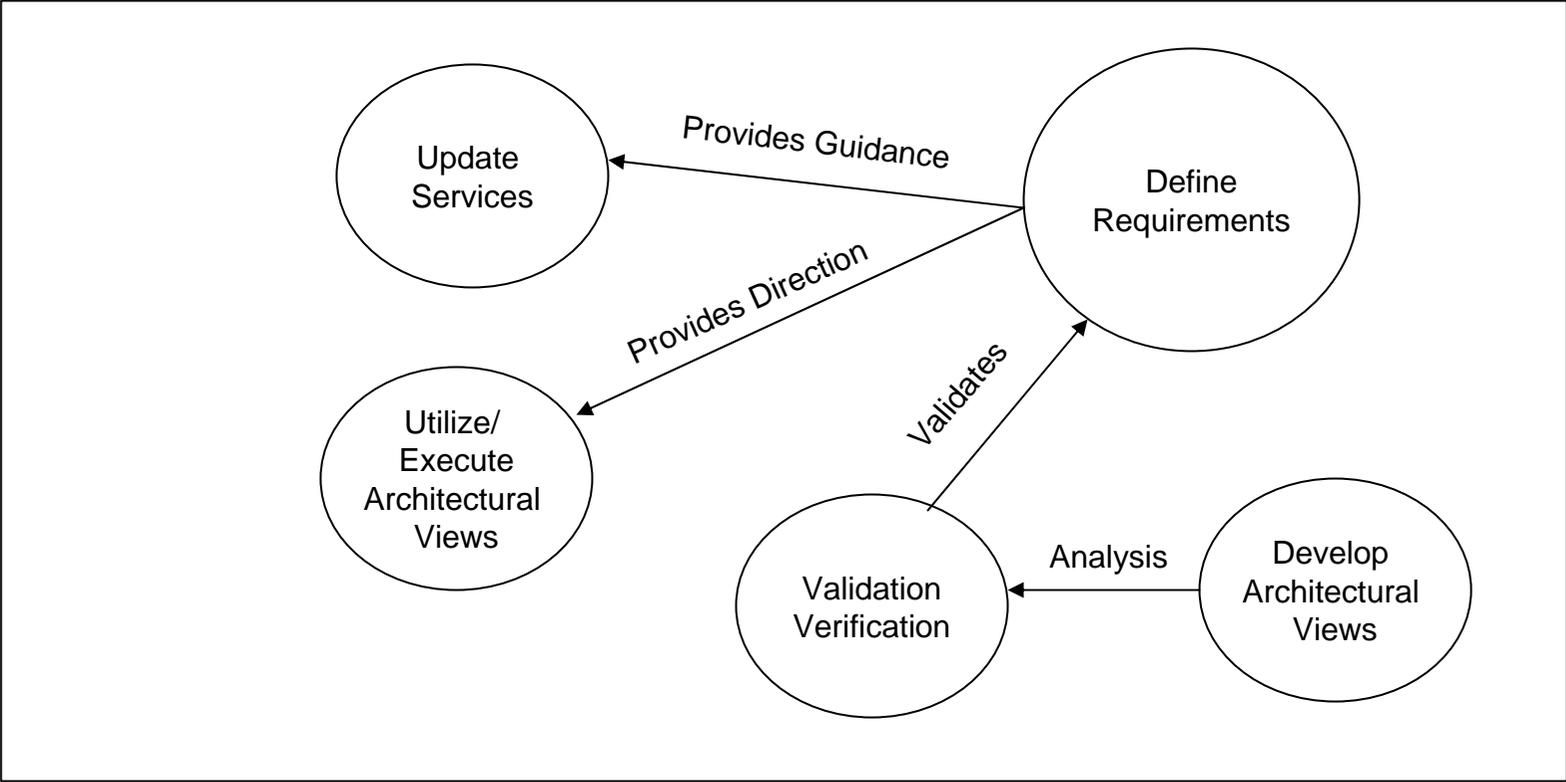
MANAGE Facilitators:

- GIG Federation Strategy
- NCE
- DOD IA Strategy

Evolving the Net-centric Architecture



Operating in the Net-centric Environment with Architecture Support



Managing Net-centric Architectures

