ceaf

California Enterprise Architecture Framework Program

Enterprise Architecture Programs

The California Enterprise Architecture Framework (CEAF) Program provides the minimum criteria and understanding needed to align department EA programs to California's statewide EA Program.

Programs coordinate strategic direction, business services, information flows, and resource utilization across the enterprise and within business or program segments or projects.

Statewide EA Program Focus

Create and identify operational opportunities that advance business and technology to effectively deliver innovative resident-centric solutions. California's EA program realize this by providing:

Business Transformation Consultation

Technology Modernization Consultation

Enterprise Architecture Oversight

EA Program Alignment

Statewide EA Program

Lead California's EA practice, in tandem with enterprise-level strategic planning that guides state entities through business, information, and technology changes necessary to execute strategy and achieve business transformations.

- Lead California's EA Community
- Maintain CEAF

Department EA Program

Lead analysis of business and IT capabilities, architectural components and processes to inform transformative strategies within the organization.

- Single source of truth for information about organization business processes, information flows, and technology capabilities and their relationships.
- Reduce total cost of ownership, time to delivery, and operational duplication.
- Assist to decrease debt of IT investments and organization resources.

Program Implementation Strategy

The program implementation strategy guides cohesive and consistent methods for the implementation of a department's EA program by aligning CEAF activities. The strategy is designed to answer the *who, what, how, where,* of EA programs.

Program maturity informs the *minimum* program components that can, or should be, addressed for the greatest value. Upon reassessing, the department may rework implementations to achieve the next level of program maturity until the highest optimal maturity is achieved for the program.

Program Maturity and Assessment

Strive for continuous improvement by assessing the program's capability level, adjusting accordingly.

The program should periodically measure the progress, maturity and effectiveness of the program, and refine as necessary to ensure the program's value-add maintains or increases its contributions to the organization.

Emerging → Developing → Functioning → Performing → Optimizing
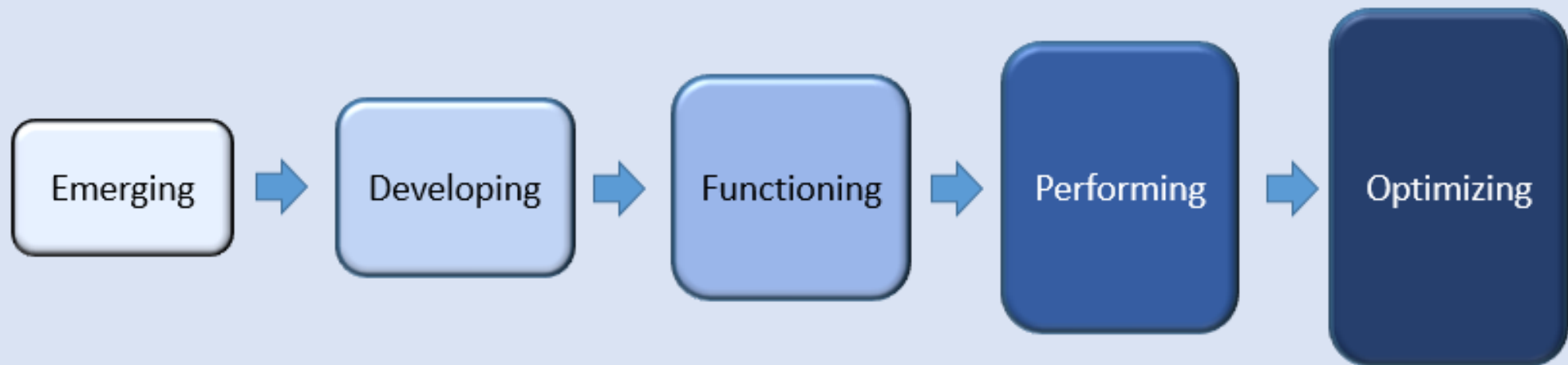
Program Components

Minimum program requirements include:
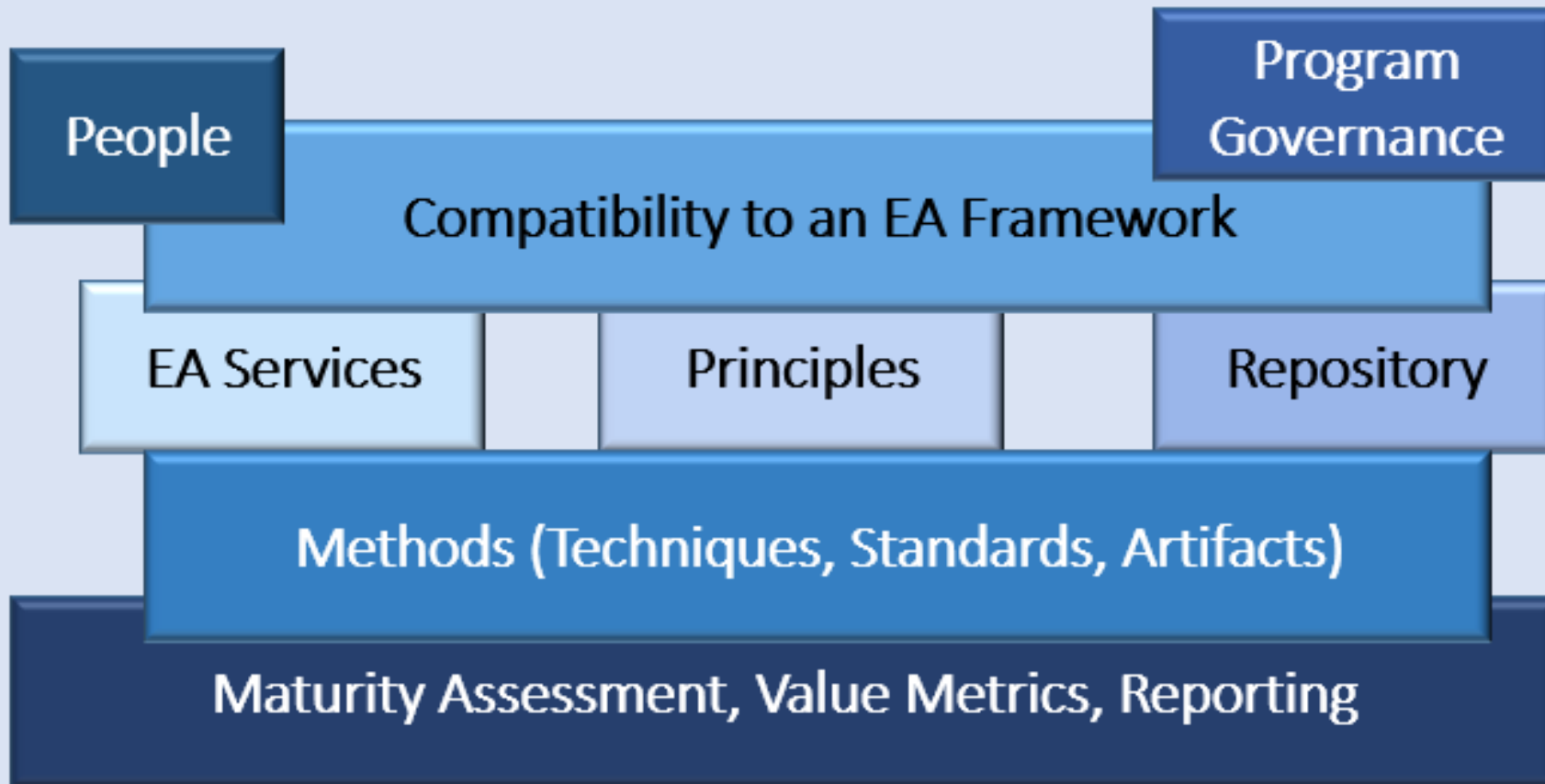
People

Programs with multiple architects are in a better position to deliver the anticipated organizational values described in this framework than in organizations where a single architect is assigned the EA title.

The program should establish a permanent group or identify staff that together can formulate a virtual EA group, who can work together towards creating a comprehensive target architecture of the organization, otherwise known as the organization's EA Plan.

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Program Compatibility to EA Framework(s)

Such frameworks refer to processes, or methods which inform how to create and use an enterprise architecture.

The program should identify EA framework(s) that complement the program's ability to create a comprehensive architecture of the organization.

The chosen framework should foster characteristics of the program's ability to be:

Comprehensive	Integrated

Scalable	Flexible	Consistent
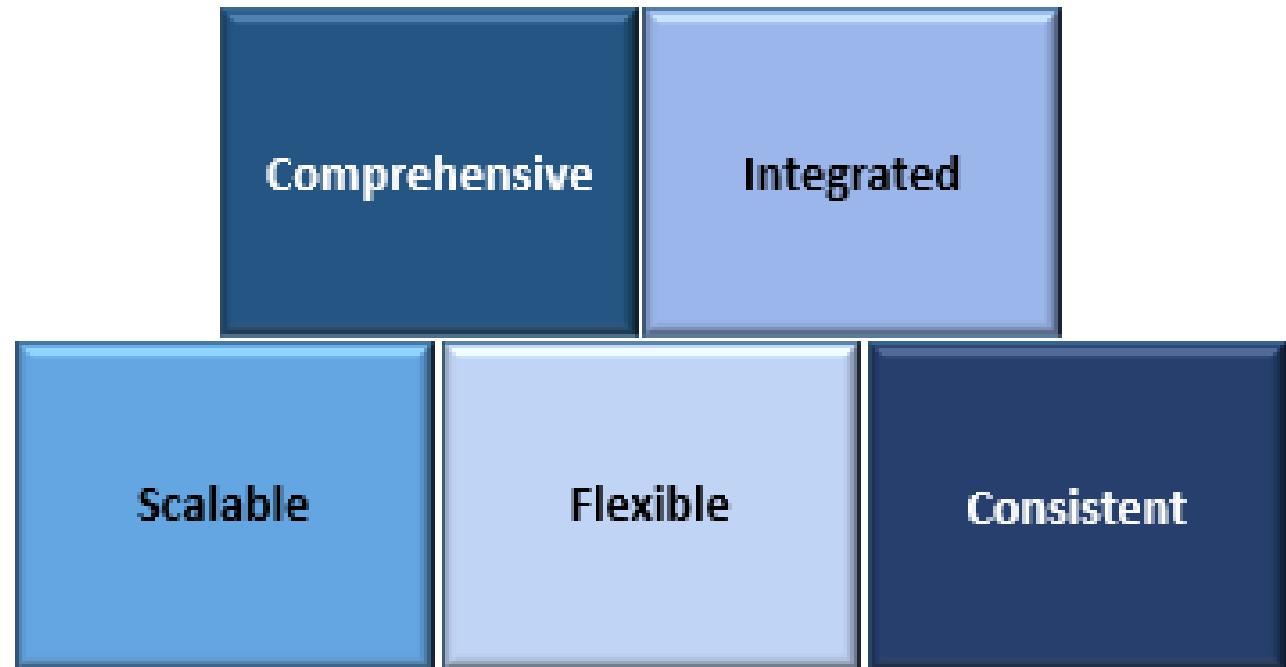
Services

Charter the program to prioritize and assist in these general services:

- Business and IT Strategy Portfolio Rationalization
- Future State Planning and Actionable Roadmap Development
- Realignment of Misguided In-Work Projects
- Project Prioritization to Drive Business Forward and Improve Program Outcomes
- Concept and Business Case Development
- Standards Establishment and Governance
- Solution Architecture Guidance and Oversight
- Produce Reference Models and Reusable Assets

The program should define a core set of EA capabilities and/or services cognoscente of team maturity, for which staff can provide organizational value.

Principles

CEAF promotes the following six principles to serve as a guide for program work. These principles represent some criteria against which potential investment and decisions are weighed.

The program should define a set of principles, enterprise-level requirements and constraints for the architecture.

1) Business Drives Information Technology
2) Enterprise Awareness of Common Business Solutions
3) Common Design and Analysis
4) Ease-of-Use
5) Control Technical Diversity
6) Secure Information and Comply with Laws

Methods
(Techniques, Artifacts and Standards)

Program methods should at minimum:

- Analyze business strategy/goals and understand the business operating model.
- Focus on segments to incrementally develop the enterprise architecture in accordance with the business priorities.
- Determine target maturity levels across segments to support the business operating model and long-term business strategy.
- Build common business and/or technical capabilities.

The program should select and formalize effective analysis and design methods, tools, and guiding artifacts that consistently drive and constrain architecture scope. Segmentation is usually accomplished through projects or an organization's business units, rather than organization-wide domains.

Repository

The repository should provide:

- A methodical structure that promotes the practice of EA thinking and teams
- At-will read access of artifacts to staff
- Proper content management processes around artifact owner, editor and librarian assignment

The program should create a repository for the organization of EA artifacts. Example artifacts are work products, reference materials, models, guides and tools.

California's EA repository is a subforum within the [EA Communities Forum](#).

Program Role in Governance

CEAF recommends:
- Structure for the development and governance of a department's EA work
- Structure for the development and governance of cross-program initiative deliverables
- A framework and support for initiatives, department policies, standards and related processes

The program should identify the planning, decision-making, and oversight processes and groups that influence how scope is developed, verified, versioned, used, and sustained over time. The program is a vital contributor to the organization's integrated internal management processes.

Continued Role in Governance

Standards Development Process - develop a process for which it can accept, process, and inform decisions surrounding architectural change. Communicate your desire to partner with stakeholders to deliver the IT support they need. Remain unbiased and offer constructive proposals that will meet business needs.

Reporting - develop and communicate the target EA plan including its incremental and federated approach, and gain stakeholder buy-in. Adopt a framework that provides effective EA governance that complements the organization.

Value Metrics - position program impact on business outcomes in terms of the program's influence on which transformation projects are identified, initiated, and how these transformation projects are directed in alignment with the target state architecture scope and roadmap.

From the CDT's homepage (www.CDT.ca.gov/services/ea-home/):

CA Enterprise Architecture Program Presentation

CA Enterprise Architecture Program

We would like to hear from you! Provide your questions, comments and feedback regarding the CEAF Program, in the Enterprise Architecture Communities Forum.

Thank you