



Federal CIO Council

Information Security and Identity Management Committee

IDManagement.gov

FICAM Roadmap Update Forum

June 16, 2014

- Introduction
- Roadmap Update Goals
- Drivers for updates to the FICAM Roadmap
- Announcement of open comment period
- Request for agency participation
- Key Dates
- Open Question & Answer

The FICAM Roadmap and Implementation Guidance V 2.0, released in December 2011, represents the government-wide vision for Identity, Credential, and Access Management (ICAM) and provides agencies with:

- A clear path forward in achieving the ICAM Target State
- Guidance specific to the needs of ICAM program managers, leadership, and stakeholders
- Planning considerations and technical solution information to address multiple facets of ICAM

In order to keep pace with the quickly changing environment, an update to the FICAM Roadmap and Implementation Guidance is needed. This update is intended to:

- Articulate the updated government-wide vision for ICAM
- Address changes to and developments in the current ICAM environment
- Provide updated guidance to address current agency needs
- Provide updated guidance for achieving the target state
- Reflect the impact of influential drivers for the FICAM Roadmap update

The Common Approach to Federal Enterprise Architecture standardizes the development and use of Enterprise Architecture to provide agencies with a comprehensive, integrated, and scalable framework.

Impact to FICAM Roadmap

The FICAM Roadmap requires several changes in order to align with the new Federal Enterprise Architecture methodology:

- Significant structural changes
- Shifting of priorities and milestones
- Renewed focus on shared services
- Greater emphasis on emerging technologies and trends
- Updating of nomenclature and taxonomy

Current Segment Architecture Layer	Mapping to Updated Reference Models
Performance Layer	Performance Reference Model (PRM)
Data Layer	Data Reference Model (DRM)
Business Layer	Business Reference Model (BRM)
Service Layer	
Technology Layer	Application Reference Model (ARM)
	Infrastructure Reference Model (IRM)
N/A	Security Reference Model (SRM)

The Federal IT Shared Services Strategy provides agencies with tools to eliminate waste and duplication in order to improve services across their IT portfolios.

Implementing the “Shared-First approach” of this strategy will:

- Improve return on investment.
- Increase productivity.
- Increase communication with stakeholders and promote cooperation.

Impact to FICAM Roadmap

The anticipated updates to the current FICAM Roadmap are:

- **Incorporating guidance** for agencies to implement the shared services strategy as it pertains to ICAM.
- **Highlighting the need** for agencies to **seek opportunities** for consolidating services.
- Placing greater emphasis on the **benefits** of leveraging shared services.

The National Strategy for Information Sharing and Safeguarding (NSISS), mandates integration and implementation of policies, processes, standards, and technologies to share and safeguard national security information.

Impact to FICAM Roadmap

The anticipated updates to the current FICAM Roadmap are:

- **Increasing the scope** for extensibility to ICAM programs on all security domains.
- **Harmonize activities** outlined in PO #4 Implementation Plan with the activities in the Roadmap
- **Leveraging lessons learned** to support collaboration within and across each security domain.
- **Incorporating additional guidance** to be consistent with the remaining POs of NSISS.

New technologies and trends have emerged since the release of the FICAM Roadmap in 2011.

Technologies and trends include:

- Mobile
- PIV-Derived Credential
- Cloud
- Trust Frameworks

Impact to FICAM Roadmap

The anticipated updates to the current FICAM Roadmap are:

- **Incorporating additional guidance for the adoption and use** of new technologies to better achieve mission objectives.
- **Strengthening considerations for mobile security** in the midst of the growing use of mobile devices.
- **Highlighting the need for standardized implementation** of interoperable technologies.

In support of the FICAM Roadmap update, agencies have the opportunity to review and provide feedback starting today.

- The FICAM Roadmap and Implementation Guidance V 2.0 and associated comment matrix are now available for review and comment at www.idmanagement.gov/ficam-roadmap-update

- Guidelines for reviewers and commenters include:
 - The comment period will be **60 days**, concluding on **August 15th, 2014**
 - Agencies should leverage the posted comment matrix and submit comments to FICAMSupport@deloitte.com

- Based on an evaluation of the most significant changes to the ICAM landscape, we are looking for agency feedback the following areas:
 - Current agency and government-wide ICAM program maturity
 - Current challenges to ICAM implementations
 - Agency challenges related to interoperability
 - Architecture areas that lack clarity
 - Agency-level architecture artifacts
 - Best practices or lessons learned in solving ICAM challenges

The Identity, Credential, and Access Management Subcommittee (ICAMSC) will establish a tiger team to address changes to and incorporate agency feedback into the FICAM Roadmap.

➤ **Tiger team responsibilities will include:**

- Validating significant changes and updates to the FICAM Roadmap
- Evaluating and determining an approach for addressing common, challenging topics
- Providing input from an agency perspective on ICAM program maturity, current challenges, and program priorities

➤ **Tiger team logistics:**

- Tiger team kick-off is anticipated for July 30, 2014, concluding in March 2015
- Submit tiger team volunteer names to FICAMSupport@deloitte.com

Upcoming Key Dates:

- Submit tiger team volunteers: July 16th
- Tiger team Kick-off Meeting: July 30th
- Comment Period Ends: August 15th

Questions?