DATASHEET

Public sector mandate update: FICAM v2

About FICAM

The Federal Identity, Credential, and Access Management (FICAM) Roadmap and Implementation Guidance document was first published in 2009, and the Office of Management and Budget's Memorandum 11-11 requires that agencies align their processes with the guidance document.

However, the first version of the guidance document does not specify a fully-defined set of regulations to follow. Instead, it defines an architectural framework comprising five key elements (credential management, identity management, access management, federation, and auditing & reporting), and offers 11 associated real-world scenarios. Guidance into how agencies should implement FICAM processes and services is largely missing.

Benefits

Our identity and access management software can help you comply with FICAM and enhance security and efficiency. For more information, visit: www.oneidentity.com.

What's new in v2

With Version 2, released in December 2011, the Roadmap and Implementation Guidance document has grown from 220 to 478 pages – and half of that content

ONE IDENTITY

is specific advice on how to build agencylevel initiatives and deploy ICAM services. The new version includes the following details:

- **How to plan for ICAM implementations:** This includes program organization and management, with specific guidance on implementing a formal governance structure. Also discussed is how to incorporate ICAM into existing agency processes, along with privacy considerations and the application of Fair Information Practice Principles (FIPPs).
- **How to streamline the collection and sharing of digital identity data:** This includes how to the collect and share data for digital identities, attributes, and unique identifiers; how to integrate digital identities into business processes; and how to secure electronic sharing of attributes.
- **How to fully leverage PIV and PIV-I credentials:** This section covers PIV and PIV-I basics, authentication mechanisms, challenges related to HSPD-12, federation across agency boundaries, and uses above and beyond the mandated physical and logical access requirements.
- **How to manage physical and logical access control convergence:** This is guidance on processes and technologies common to both physical and logical controls.
- **How to modernize physical and logical access infrastructures:** This includes implementation planning, architecture and design, technical implementation, and the physical concerns of local facility and visitor access.
- **How to implement identity federation:** In this section, a summary of the reasons to federate and an overview of federation trust topologies, which leads into a discussion of the Federal Trust Framework. Provisioning external (non-Federal-government) users and federation using third-party credentials is also discussed.

The How of Implementing FICAM

Version 2 of the FICAM Roadmap and Implementation Guidance document provides – for the first time – significant actual guidance in how agencies can implement FICAM processes and services.

The guidance is complex, but with that guidance, along with the appropriate software solutions, agencies can conform to the FICAM framework, and in doing so, move toward developing the security and efficiencies that were the original stated intent of FICAM.

Version Two of the FICAM Roadmap and Implementation Guidance document can be found here.

About One Identity

The One Identity family of identity and access management (IAM) solutions, offers IAM for the real world including business-centric, modular and integrated, and future-ready solutions for identity governance, access management, and privileged management.

Learn more at OneIdentity.com

FICAM element	One Identity solution	
Credential management	• Defender • Enterprise Single Sign-on • One Identity Privileged Session Manager • One Identity Privileged Password Manager	• Password Manager • Privilege Manager for Sudo • Privilege Manager for Unix • Privileged Access Suite for Unix
Identity management	• Identity Manager • Identity as a Service • Active Roles • Authentication Services • Active Administrator	• Cloud Access Manager • Enterprise Single Sign-on • Password Manager • Single Sign-on for Java
Access management	• Active Roles • Cloud Access Manager • Identity Manager	• Identity Manager – Active Directory Edition • Identity Manager – Data Governance Edition • Identity as a Service
Federation	• Single Sign-on for Java • Cloud Access Manager	• Identity as a Service
Auditing and reporting	• Active Roles • Change Auditor for Logon Activity • ChangeAuditor for Windows File Servers • ChangeAuditor for NetApp • Change Auditor for Active Directory • ChangeAuditor for SharePoint • ChangeAuditor for EMC • ChangeAuditor for SQL Server	• ChangeAuditor for Exchange • ChangeAuditor for VMware vCenter • Cloud Access Manager • InTrust • Identity Manager • dentity as a Service • Enterprise Reporter

ONE IDENTITY