

Electrosoft

Results That Drive Mission Success!

Identity Credential Access Management (ICAM)/Segregation of Duties (SoD) – An Interwoven Journey

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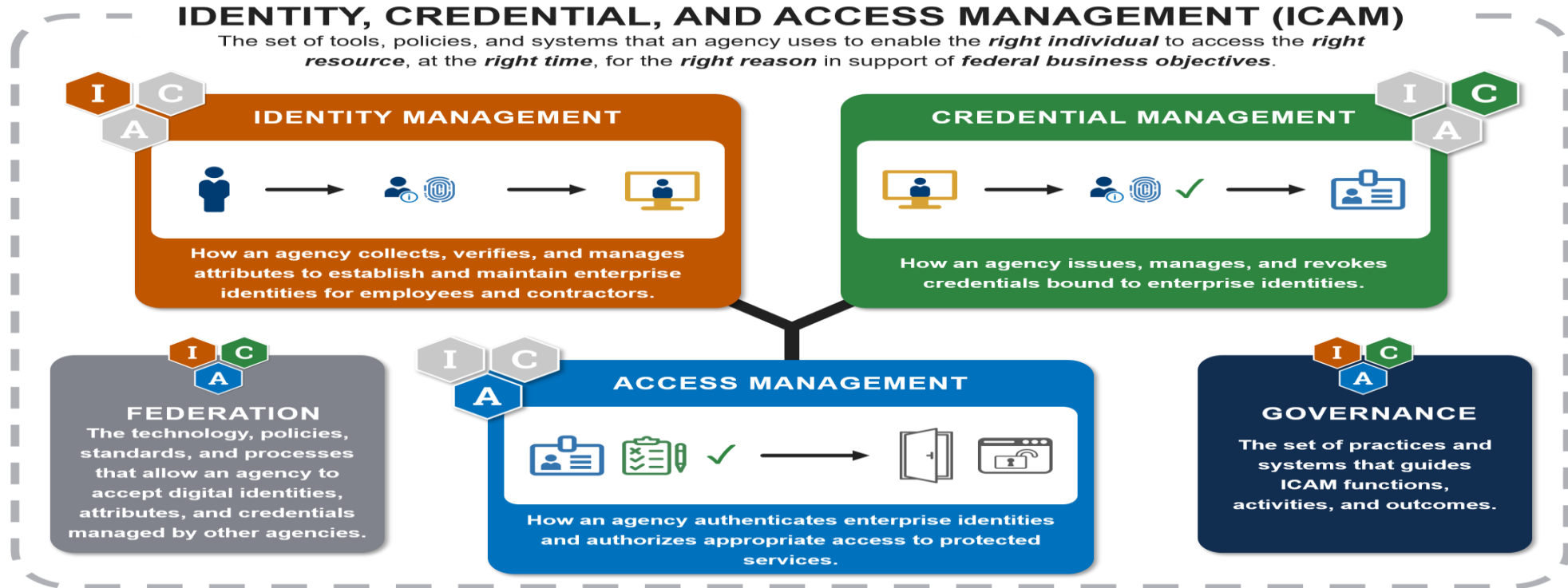
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- **Foundation of IAM**
- **Essence of SoD**
- **ICAM and SoD Intersection**
- **Challenges & Solutions**
- **Future Trends**

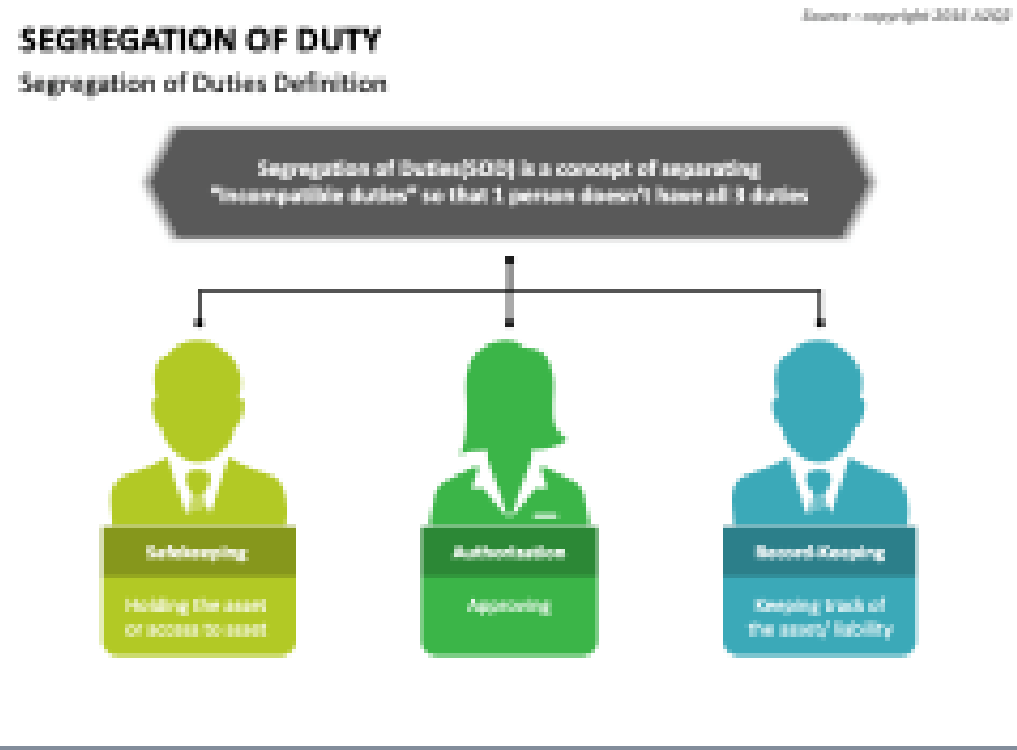
Foundation of ICAM

- **Identity Credential Access Management Foundation (ICAM) – Framework that Manages Entities and Access**



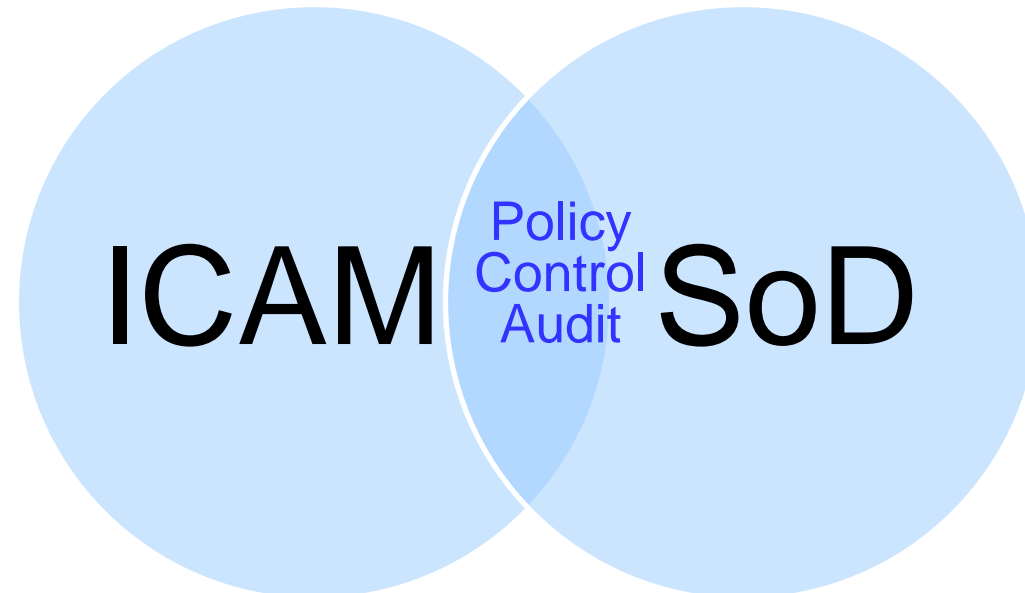
Essence of SoD

- Segregation of Duties (SoD) – Risk Management Principle that prevents unauthorized activities and conflicts of interest by ensuring critical tasks are divided among multiple people



ICAM and SoD Intersection

- **Access Control** – Integrating SoD into IAM through role definitions and permissions
- **Policy Enforcement** – IAM Systems enforce SoD policies by automatically preventing role conflicts
- **Audit and Compliance** – IAM systems provide visibility and reporting to support SoD compliance



Challenges & Solutions

- **Challenges**

- **Balancing Security and Usability,**
- **Managing Complex Role Assignments**
- **Organizational Barriers**

- **Solution**

- **Defining SoD rulesets at the Enterprise level**
- **Changing Mindset at the Organizational level**
- **Adaptive IAM systems**
- **Automated SoD checks**
- **Continuous monitoring**

Future Trends

- **Emerging Trends – AI and machine learning in IAM and evolving SoD Frameworks**
- **Future Considerations – Adaptation to new technologies and changing regulatory landscapes**
- **Integrating SoD into IAM ensures comprehensive security and compliance and increases the overall security posture of an organization.**

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