

CONTINUOUS DIAGNOSTICS AND MITIGATION PROGRAM: THE NEXT FRONTIER

CISQ CYBER RESILIENCE SUMMIT



CDM Program Capabilities

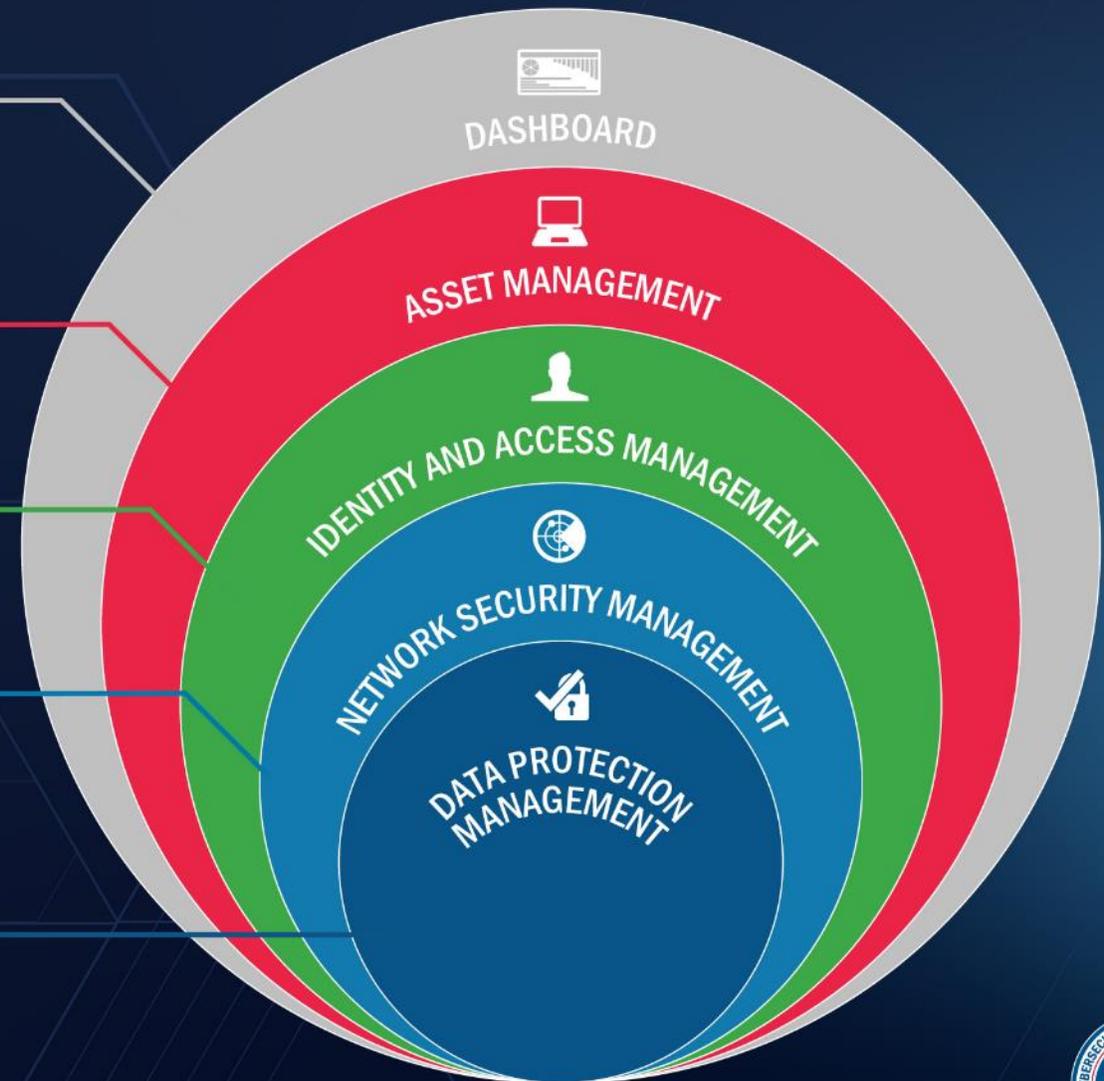
 **Agency and Federal Dashboards**
Visualization tool to better understand, prioritize, and mitigate cyber risks.

 **Asset Management**
What is on the network?

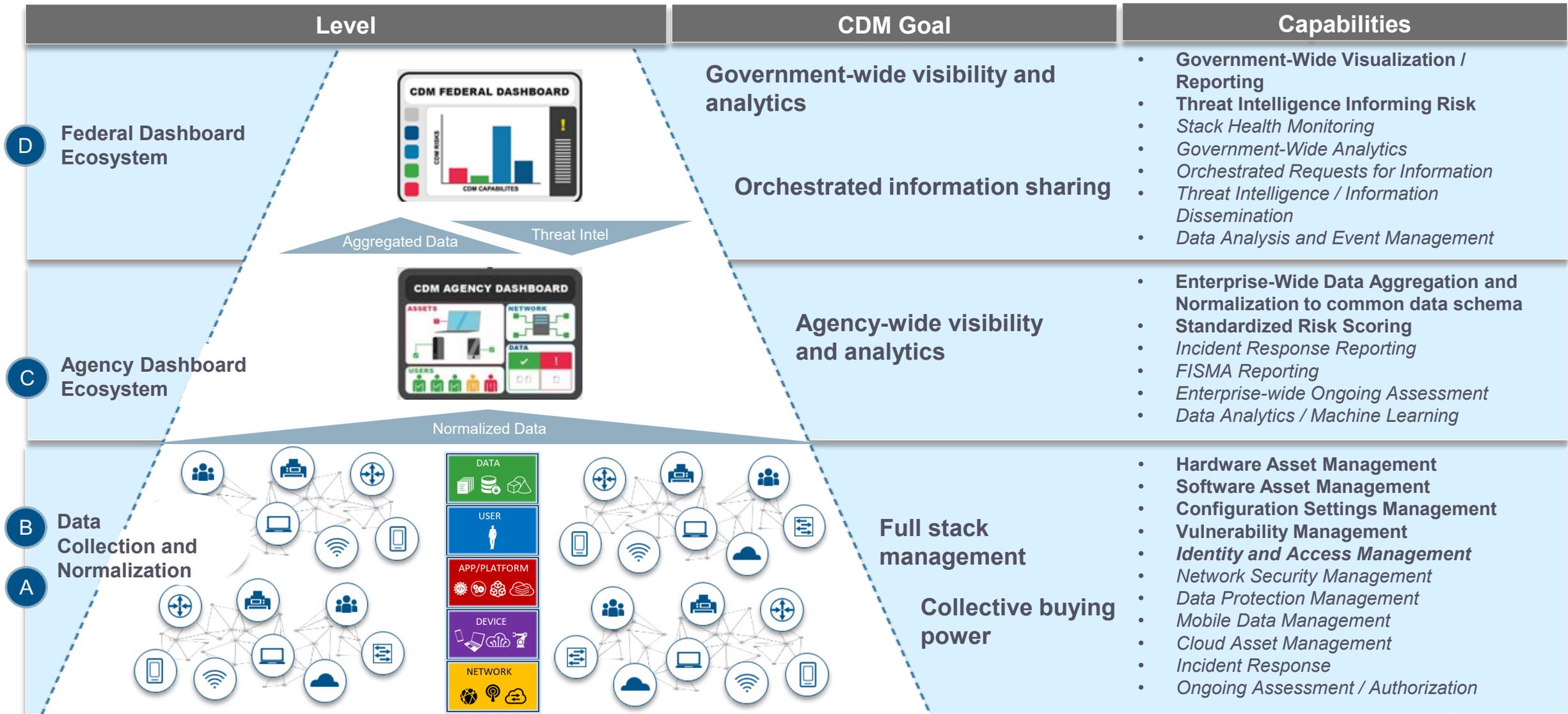
 **Identity and Access Management**
Who is on the network?

 **Network Security Management**
What is happening on the network?
How is the network protected?

 **Data Protection Management**
How is data protected?



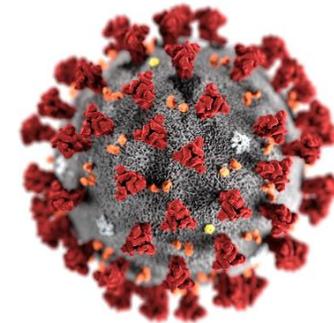
CDM Program Architecture



Key = Existing Capabilities Future Capability Under Consideration

COVID-19 and CDM Impact

- Assess, identify, and monitor programmatic risks related to COVID-19
- Support agencies' ability to telework at scale on both cloud and mobile environments
- Adjust delivery and implementation processes of CDM capabilities; continue to make progress in supporting agencies with CDM deployments
- Supported two agencies in strengthening their cloud security and security operations capabilities
- Continue to keep our staff safe during this time, as they work to provide a critical service
- Continue to explore the best approaches for working and communicating with our partners and stakeholders in a virtual environment



CDM Areas Where Progress Continues to be Made



Asset Management Gap Fill



Identity and Access Management Gap Fill



Deployment of New Dashboard



Implementation of Data Quality Management Certification Process



Operationalization of Agency-Wide Adaptive Risk Enumeration (AWARE)



Continuation of Data Protection Management Pilots



Continuation of Cloud and Mobile Security Implementation



FY 2021 Priorities



Asset Management and Identity and Access Management Gap Fills

Continue existing work to complete gap fills for Asset Management and Identity and Access Management capabilities



Mobile Asset Management

Following mobile asset discovery completion, integrate mobile asset management to the Agency Dashboard



CDM Dashboard Ecosystem

Transition agencies to more scalable, capable, and flexible dashboard ecosystem



Cloud Security Pilots

Following cloud discovery completion, work with agencies, system integrators, and industry partners to determine the right approach and scope for cloud security pilots



High Value Assets (HVA)

Expand HVA pilots at additional agencies to extend data protection capabilities; explore the possibility of having at least one pilot per DEFEND group

These priorities are in addition to ongoing Data Quality efforts



CDM Program Values



LEADERSHIP

requires Technical Excellence
and Open Communication



ACCOUNTABILITY

requires Transparency
and Consistency



PARTNERSHIP

requires Flexibility,
Timeliness, and Fairness



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For more information:

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CDM Program Questions?
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