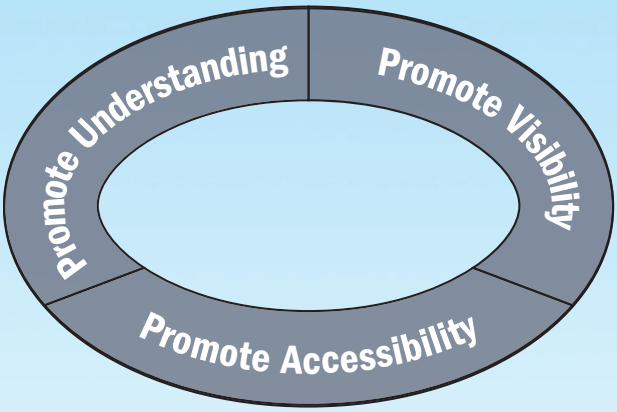
COI Framework and Activities



These three major COI activity areas comprise a framework to meet the goals of the Net-Centric Data Strategy

Key Activities:

- Identify and Establish COI
- Identify membership and governance (e.g. Mission Areas, Domains) and key stakeholders (e.g. Programs, Operators)
- Identify/prioritize/select key COI capabilities and data assets to expose to Enterprise
- Register into the DoD COI Directory (https://extranet.itis.osd.mil/coi)
- Define and register COI structural metadata (e.g. taxonomy, vocabulary, data models, schema)
- Define discovery metadata and process (extend the DDMS)
- Tag data assets and post to searchable catalogs (e.g. Domain metadata catalog and service registry)
- Register COI services (supports separation of data from applications)
- Operate and sustain COI services (e.g. web services) for selected COI capabilities (leverage NCES CES)

Fannie Callands

(703) 602-0815
DSN 332-0815
E-mail: fannie.callands@osd.mil

Linda Bagby

(703) 602-0867
DSN 332-0867
E-mail: linda.bagby@osd.mil

Tony Simon

(703) 602-1090
DSN 332-1090
E-mail: anthony.simon@osd.mil

Dan Risacher

(703) 602-1098
DSN 332-1098
E-mail: daniel.risacher@osd.mil

Michael Krieger
(703) 602-1040
DSN 332-1040
E-mail: michael.krieger@osd.mil

For more information visit:

DoD Directive 8320.2
(Data Sharing in a Net-Centric DoD)
http://dtic.mil/whs/directives/

DoD COI Directory at
http://extranet.itis.osd.mil/COI

COI Frequently Asked Questions at
http://www.defenselink.mil/nii/org/cio/doc/COI_FAQ.doc

DoD Net-Centric Data Strategy
http://www.defenselink.mil/nii/org/cio/doc

Dod Discovery Metadata Specification (DDMS)
http://metadata.DoD.mil

Community of Interest (COI)

Data Sharing in a Net-Centric Environment

COIs

What is a COI?

- ***Collaborative groups of users*** who must have a ***shared vocabulary*** to ***exchange information*** in pursuit of their shared goals, interests, missions, or business processes

Who is in a COI?

Anyone can be in a COI including:

- End users
- Program managers
- Application developers
- Functional subject matter experts
- Combatant Command, Service and Agency representatives
- IT Portfolio representatives

Why are COIs formed?

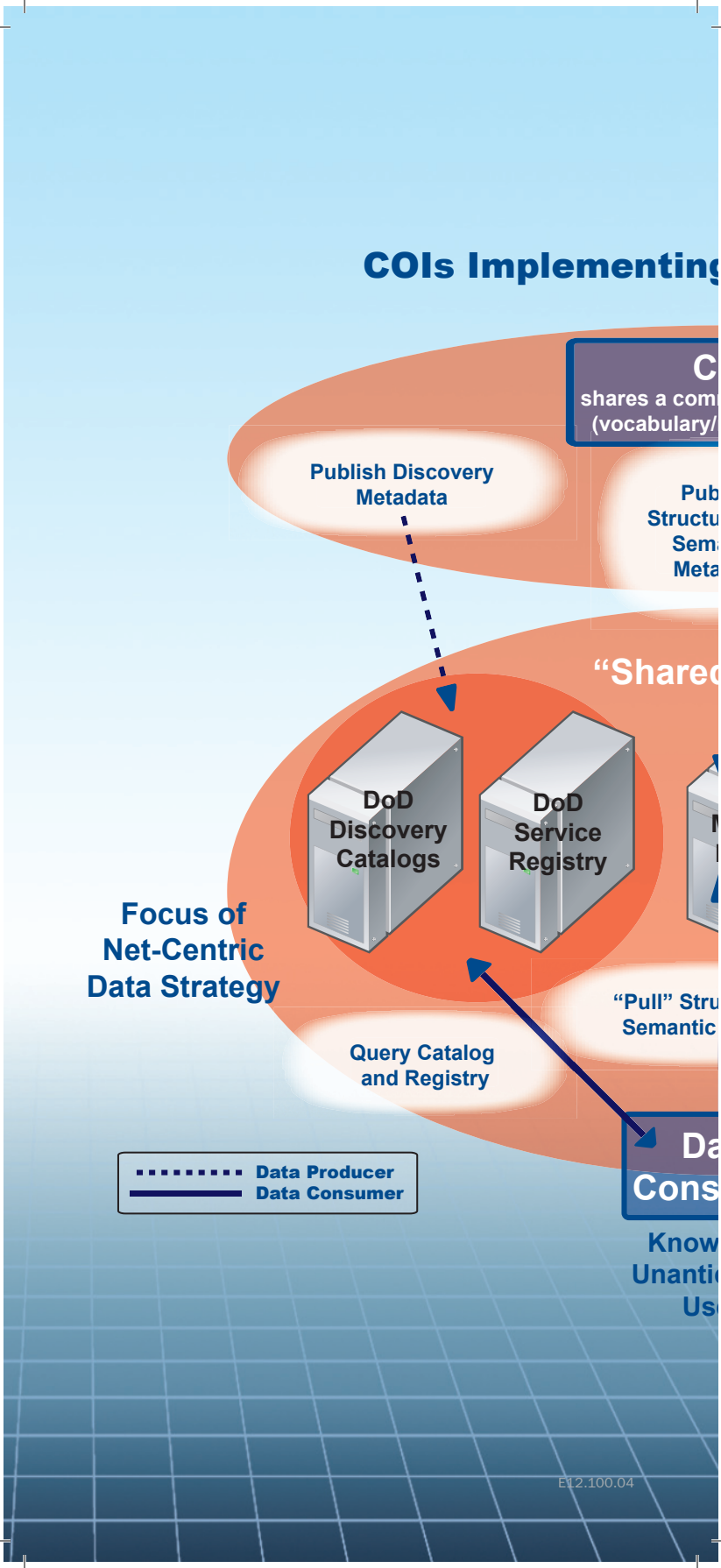
- **Resolve issues** affecting their communities
- **Increase information sharing,** volume, speed, and reach to known and unanticipated users
- Provide organization and maintenance construct for data

What does a COI do?

- **Identify data assets** such as files, databases, and information services
- Make data assets **visible, accessible, and understandable** (tagged and discoverable)
- **Define** shared vocabularies and taxonomies
- **Register** semantic and structural metadata to the DoD Metadata Registry

What is the Governance structure for COIs?

- COIs can come about **ad hoc** or formally **directed**
- IT Portfolio Managers facilitate data sharing activities across COIs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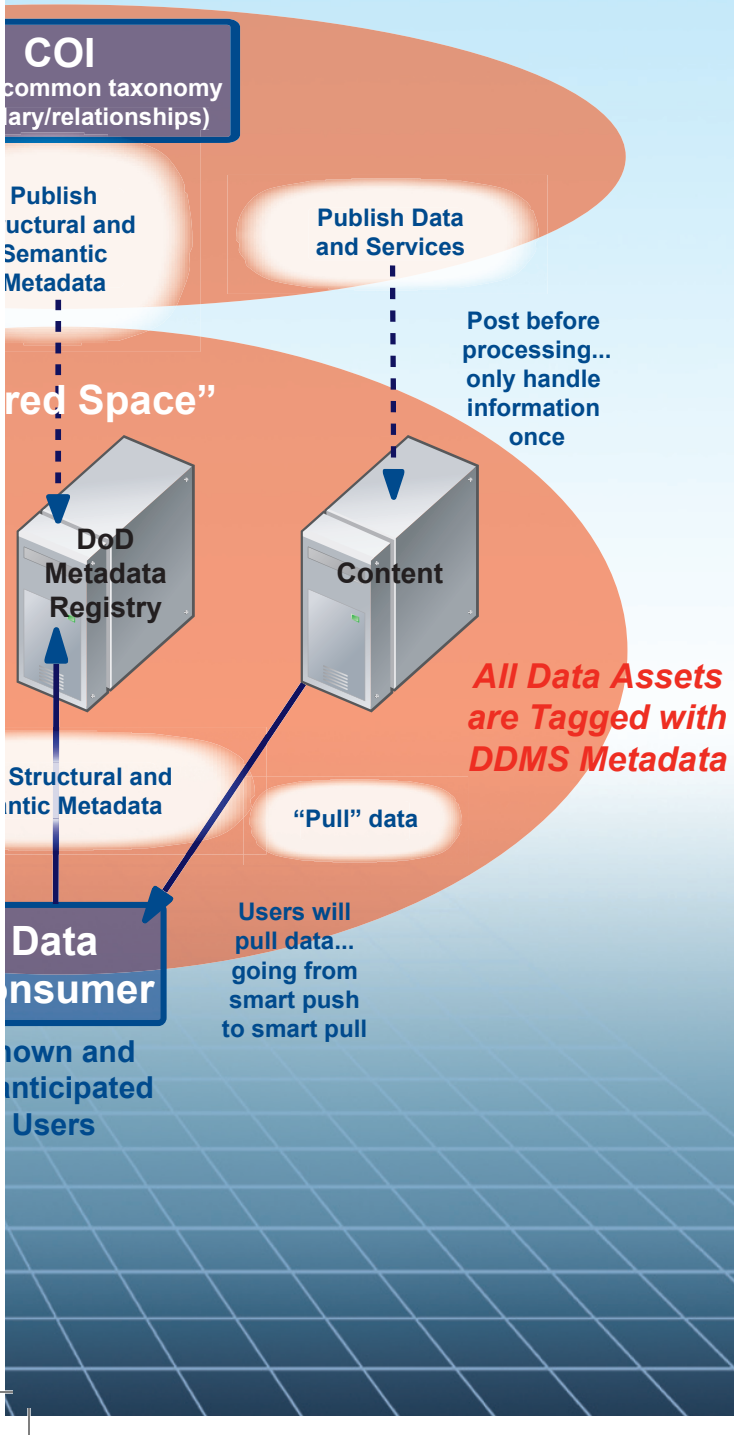
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