



Fannie Mae™

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# **Governance Maturity Drives Agile Delivery**

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# Effective integration of multiple layers of governance

## Enterprise Data Management (EDM) Policy

- All functions centralized under Chief Data Officer (CDO)
- Policy ownership federated across Metadata & Modeling, Data Quality, Data Architecture & Exchange
- Enterprise Data Governance (EDG) provides centralized operational support
- Coordinated with other corporate, data related policies/standards - Code of Conduct, Information Security, Access Management, Confidential Information, Privacy, Intellectual Property, Records Management, IT Asset Management, Software Development Life Cycle and Change Management

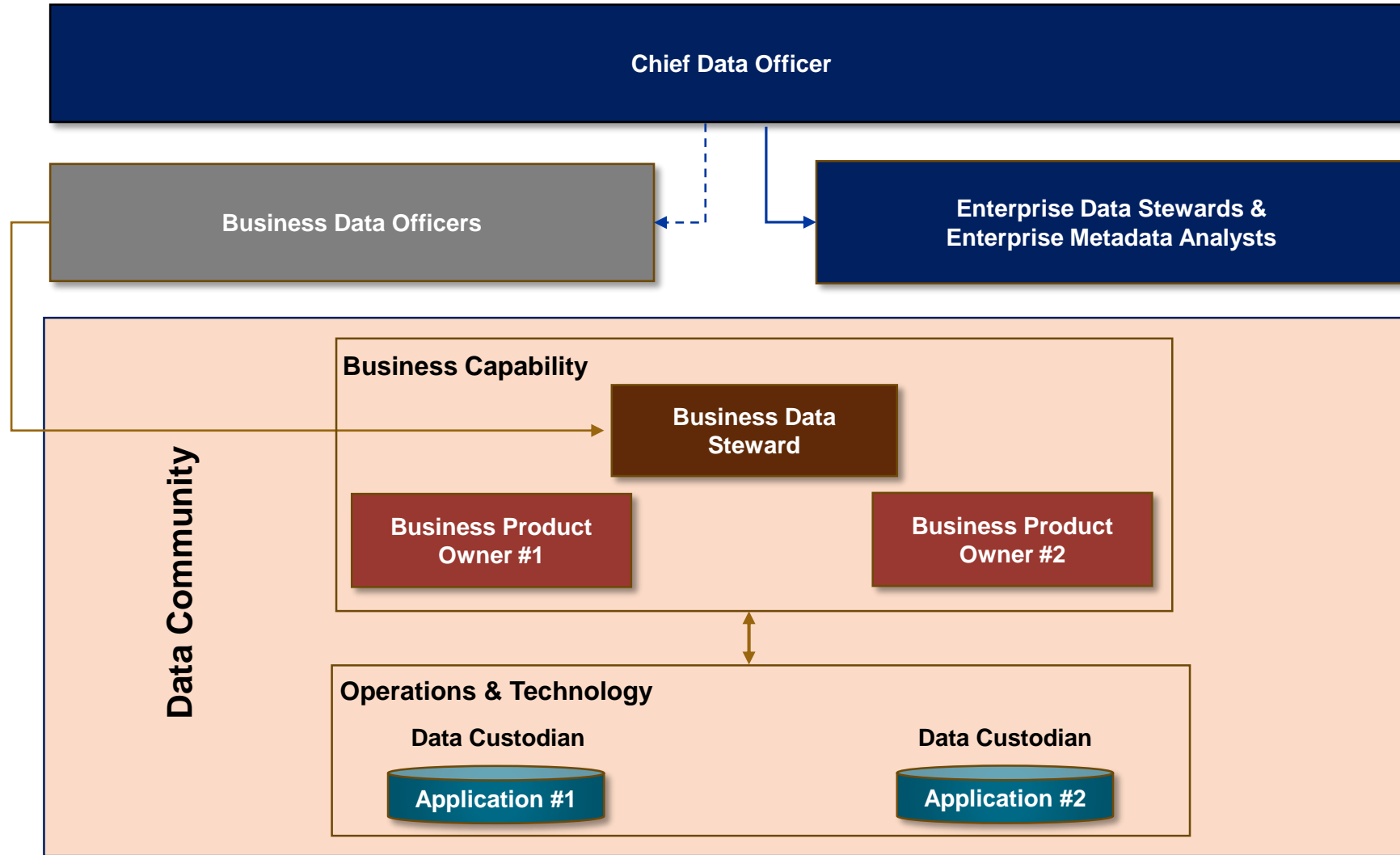
## Integrated Design Authority (IDA)

- Business, Business Architecture, Data Architecture and Technical Architecture approvals required to initiate strategic programs, and address high risk issues
- Comprehensive Compliance Tracking



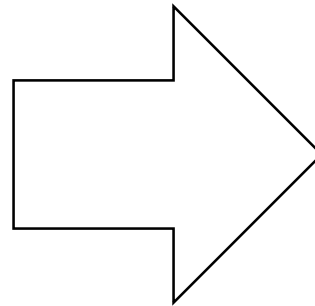
# Data Stewardship Operating Model

*Comprehensive engagement across business and data professionals*





# Preparation for agile sprints also advances enterprise data strategy



- Redefined BDO Framework and Enterprise Business Glossary
- Accelerated population of Enterprise Data Glossary
- Baselined Enterprise Data Quality Strategy
- Baselined single Enterprise Logical Data Model
- Simplified Data Architecture and Data Exchange
- Enhanced Communications & Training

## Enterprise Data Strategy

- Sustainability
- Agility in data provisioning
- Appropriate data controls and quality
- Reduced program execution risk
- Reduced complexity

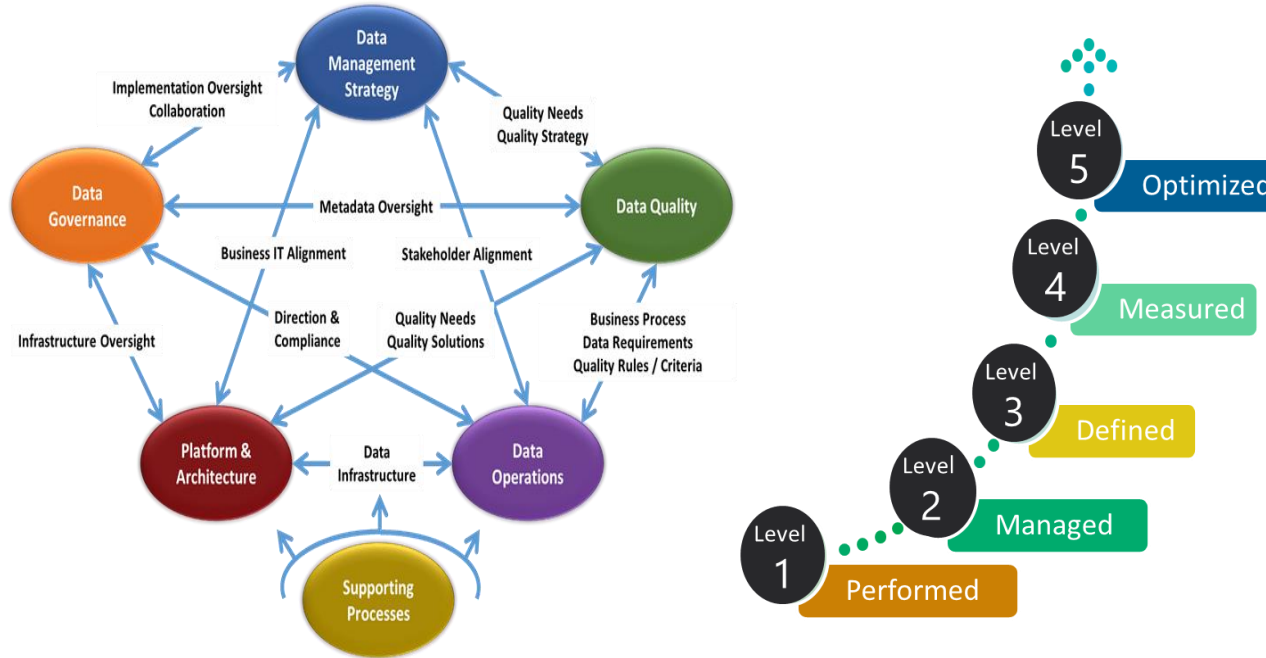
## Agile Development

### Production deployment:

- Party Master
- Security Master
- Reference Master
- Single Family Loans Integrated Data Store
- Big Data Platform



# Data Management Maturity Model (DMM)



**Published August 2014**

- 3.5 years in development
- 4 sponsoring organizations
- 50+ contributing authors
- 70+ peer reviewers
- 414 practice statements
- 596 functional work products
- **Independently developed**
- **Architecture neutral**
- **Technology neutral**

Data Management Strategy
<ul style="list-style-type: none"> <li>◆ Data Management Strategy</li> <li>◆ Communications</li> <li>◆ Data Management Function</li> <li>◆ Business Case</li> <li>◆ Funding</li> </ul>
Data Governance
<ul style="list-style-type: none"> <li>◆ Governance Management</li> <li>◆ Business Glossary</li> <li>◆ Metadata Management</li> </ul>
Data Quality
<ul style="list-style-type: none"> <li>◆ Data Quality Strategy</li> <li>◆ Data Profiling</li> <li>◆ Data Quality Assessment</li> <li>◆ Data Cleansing</li> </ul>
Data Operations
<ul style="list-style-type: none"> <li>◆ Data Requirements Definition</li> <li>◆ Data Lifecycle Management</li> <li>◆ Provider Management</li> </ul>
Platform & Architecture
<ul style="list-style-type: none"> <li>◆ Architectural Approach</li> <li>◆ Architectural Standards</li> <li>◆ Data Management Platform</li> <li>◆ Data Integration</li> <li>◆ Historical Data, Archiving and Retention</li> </ul>
Supporting Processes
<ul style="list-style-type: none"> <li>◆ Measurement and Analysis</li> <li>◆ Process Management</li> <li>◆ Process Quality Assurance</li> <li>◆ Risk Management</li> <li>◆ Configuration Management</li> </ul>



# Fannie Mae DMM Assessments

