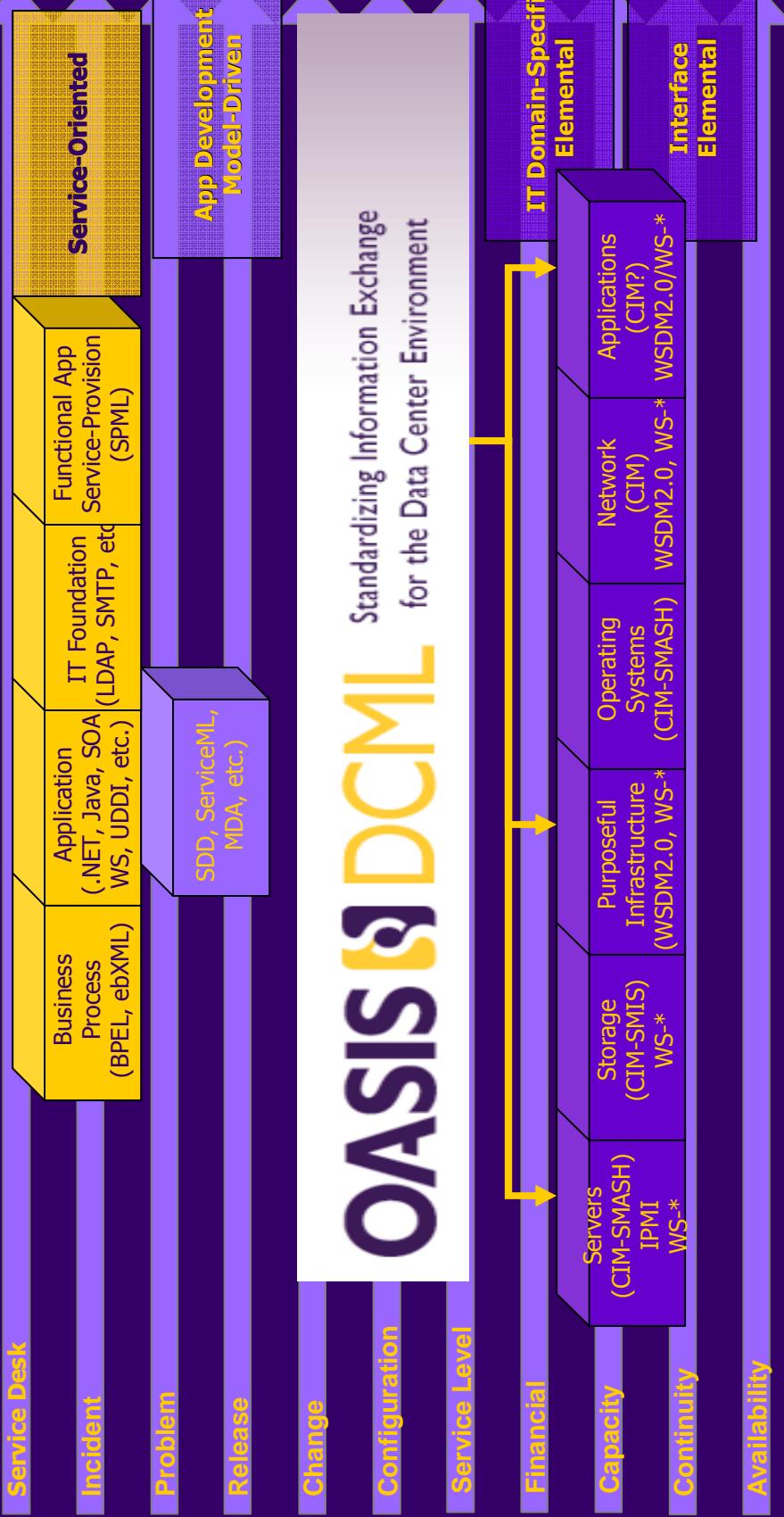


# OASIS DCML

## Industrial Enterprise Management Standardization Has Varying Domain-Based Initiatives to Address Its Dimensions...

Many standards have been or are being developed to address the INDIVIDUAL DOMAIN issues...

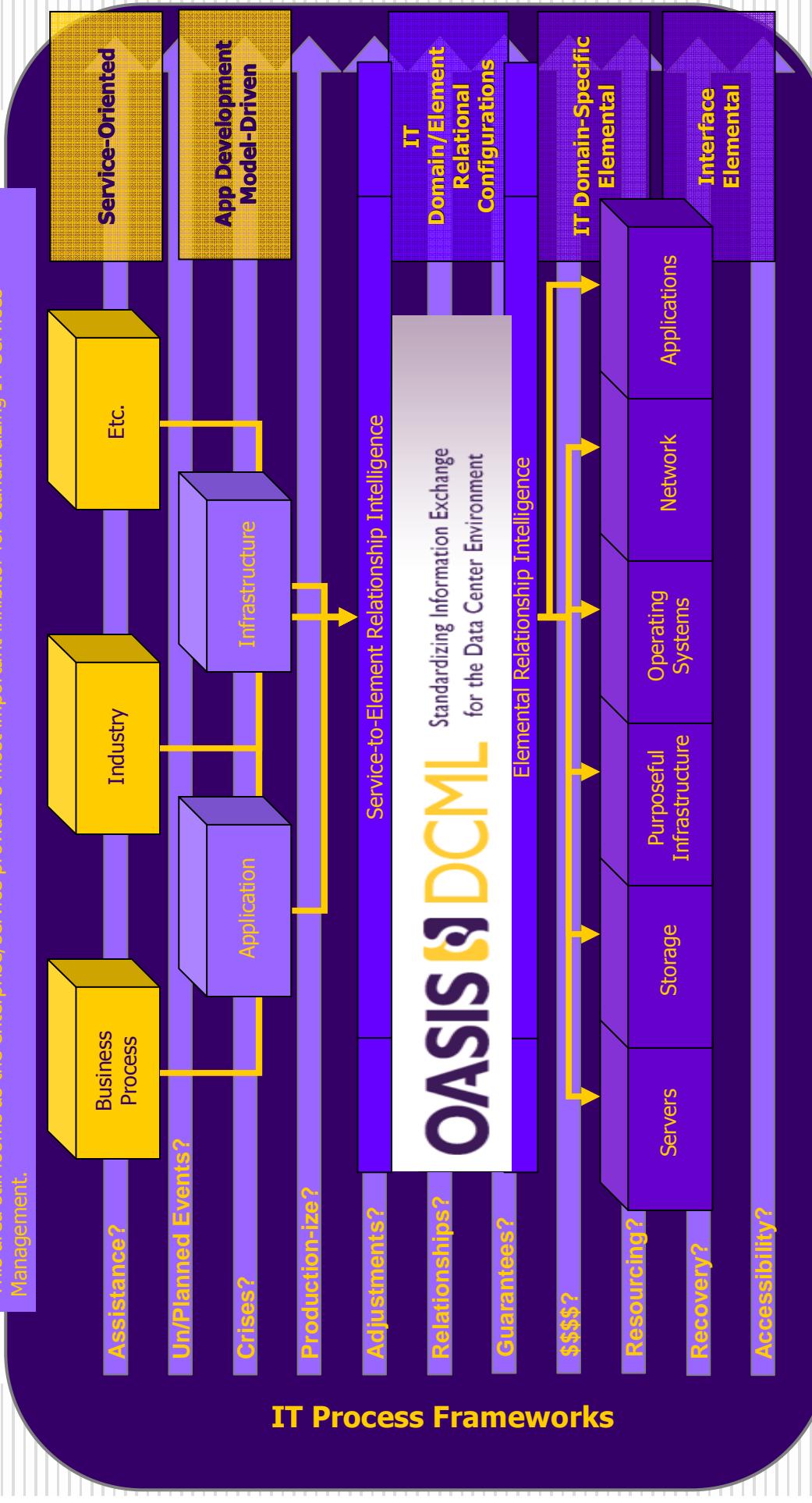


IT Process Frameworks & Standards  
(ITIL, ETOM, COBIT, BS15000, CMMI)

# OASIS DCML

**But, There is STILL Confusion with Possibly The Most Important Dimension  
- Interrelationships, Aggregations, Configurations, and Dependencies...**

This area still looms as the enterprise/service provider's most important inhibitor for standardizing IT Services Management.

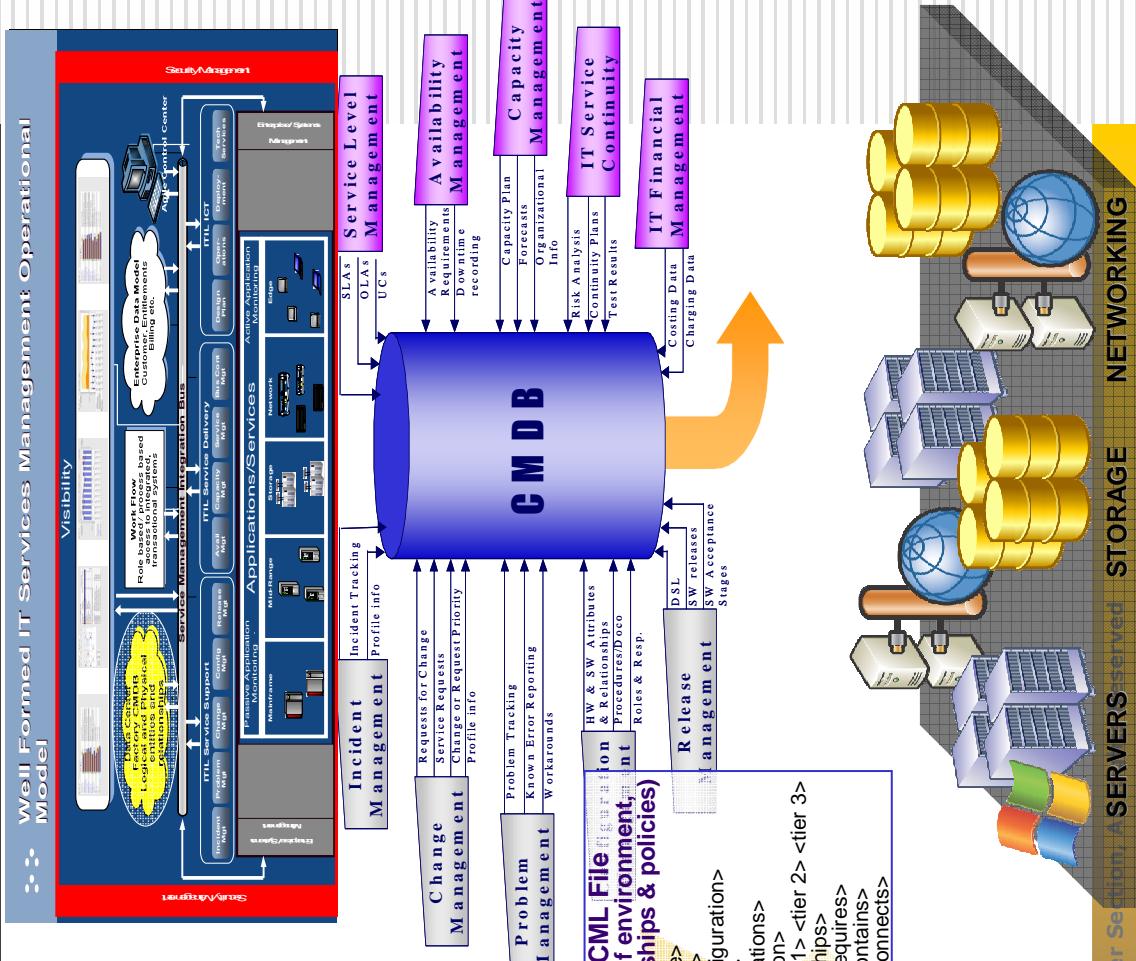
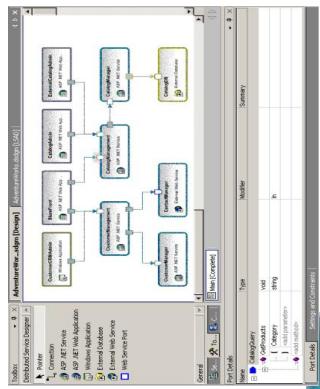


## Dimensions Of Industrial Enterprise Management

- Interface Elemental
  - Base management functionality for a particular technology castle (i.e., storage, network, systems, etc.) for interface-based management
- Domain-Specific and Domain Elemental
  - Management functionality across a domain at the session level (network, storage, systems, etc.)
- Inter-Relational/Orchestration
  - Management BETWEEN/AGGREGATING one or more dimensions of enterprise management
- App Development/Model Driven
  - Modeling for the purposes of creating operational state and desired constraints and policies in the orchestration dimension
- Service Oriented
  - Management at the application services level
- Process Frameworks
  - End-to-end process frameworks for the purposes of operational and business management
- Business Process Oriented
  - Composite processes at the business to industry dimension
- Industry Specific
  - Business sector management and comprehension

ServiceML-DCML Integration Ecosystem

**Create a model  
of a new or  
existing  
Application or  
Service**



```
graph TD; A[Resource Requirements] --> B[Operations Requirements]; B --> C[Capability Requirements]; C --> D[Operational Policies]
```

# Resource Operations Requirements Capability Requirements

```

graph TD
    subgraph CMDB [CMDB]
        direction TB
        CMDB[CMDB]
        CMDB -- "Profile info" --> ProblemManagement[Problem Management]
        CMDB -- "Costing Data, Charging Data" --> ITFinancialManagement[IT Financial Management]
        CMDB -- "DSL, SW releases, Stages" --> ReleaseManagement[Release management]
        CMDB -- "HW & SW Attributes, Relationships, Procedures/Doco, Roles & Resp." --> ConfigurationManagement[Configuration management]
        CMDB -- "Risk Analysis, Continuity Plans, Test Results" --> ITServiceContinuity[IT Service Continuity]
        CMDB -- "Capacity Plan, Forecasts, Organizational Info" --> CapacityManagement[Capacity Management]
    end

    ProblemManagement -- "Problem Tracking, Know Error Reporting, Workarounds" --> CMDB
    ITFinancialManagement -- "Costing Data, Charging Data" --> CMDB
    ReleaseManagement -- "DSL, SW releases, Stages" --> CMDB
    ConfigurationManagement -- "HW & SW Attributes, Relationships, Procedures/Doco, Roles & Resp." --> CMDB
    ITServiceContinuity -- "Risk Analysis, Continuity Plans, Test Results" --> CMDB
    CapacityManagement -- "Capacity Plan, Forecasts, Organizational Info" --> CMDB

```

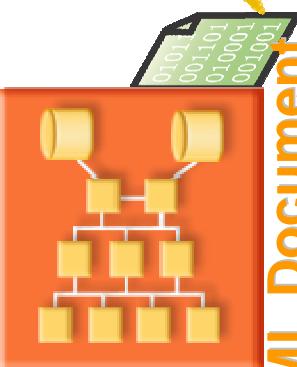
The diagram illustrates the central role of the CMDB (Configuration Management Database) in integrating various IT management domains. The CMDB is represented by a large blue box labeled 'CMDB' at the top. It receives input from six other domains, each represented by a colored box:

- Capacity Management** (Purple): Provides the 'Capacity Plan, Forecasts, Organizational Info'.
- IT Service Continuity** (Pink): Provides 'Risk Analysis, Continuity Plans, Test Results'.
- IT Financial Management** (Blue): Provides 'Costing Data, Charging Data'.
- Problem Management** (Yellow): Provides 'Problem Tracking, Know Error Reporting, Workarounds'.
- Configuration Management** (Orange): Provides 'HW & SW Attributes, Relationships, Procedures/Doco, Roles & Resp.'.
- Release Management** (Green): Provides 'DSL, SW releases, Stages'.

Each domain box has an arrow pointing down to the CMDB box, indicating that it feeds into the central database. The CMDB box also has an arrow pointing up to each domain box, representing the flow of information back to the respective management area.

**Metadata Flow**

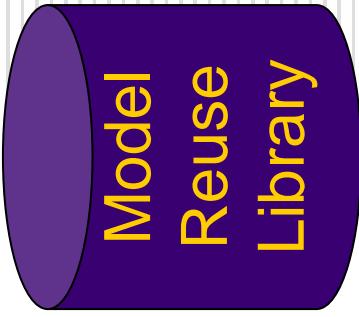
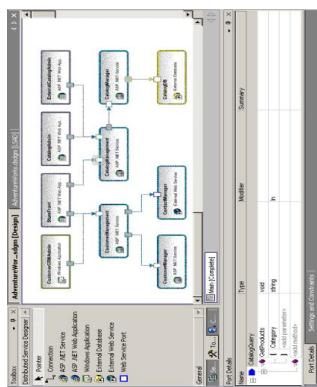
<application>  
<tier 1> <tier 2> <tier 3>  
<relationships>  
<requires>  
<contains>  
<connects>



**SML Document**

## Application Architects Create SML-Enabled Models With Metadata IT Services Feeds From...

Create a model  
of a new or  
existing  
Application or  
Service



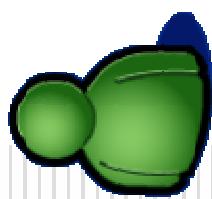
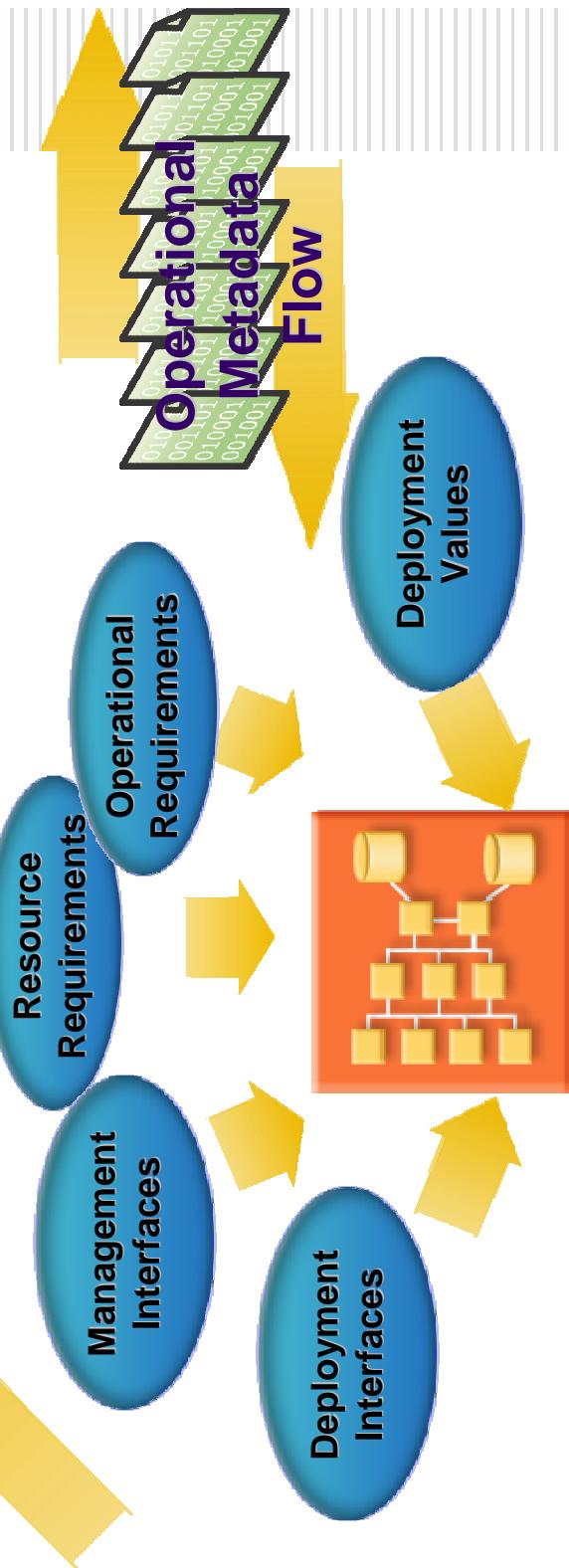
Resource Requirements

Operational Requirements

Management Interfaces

Deployment Interfaces

Deployment Values

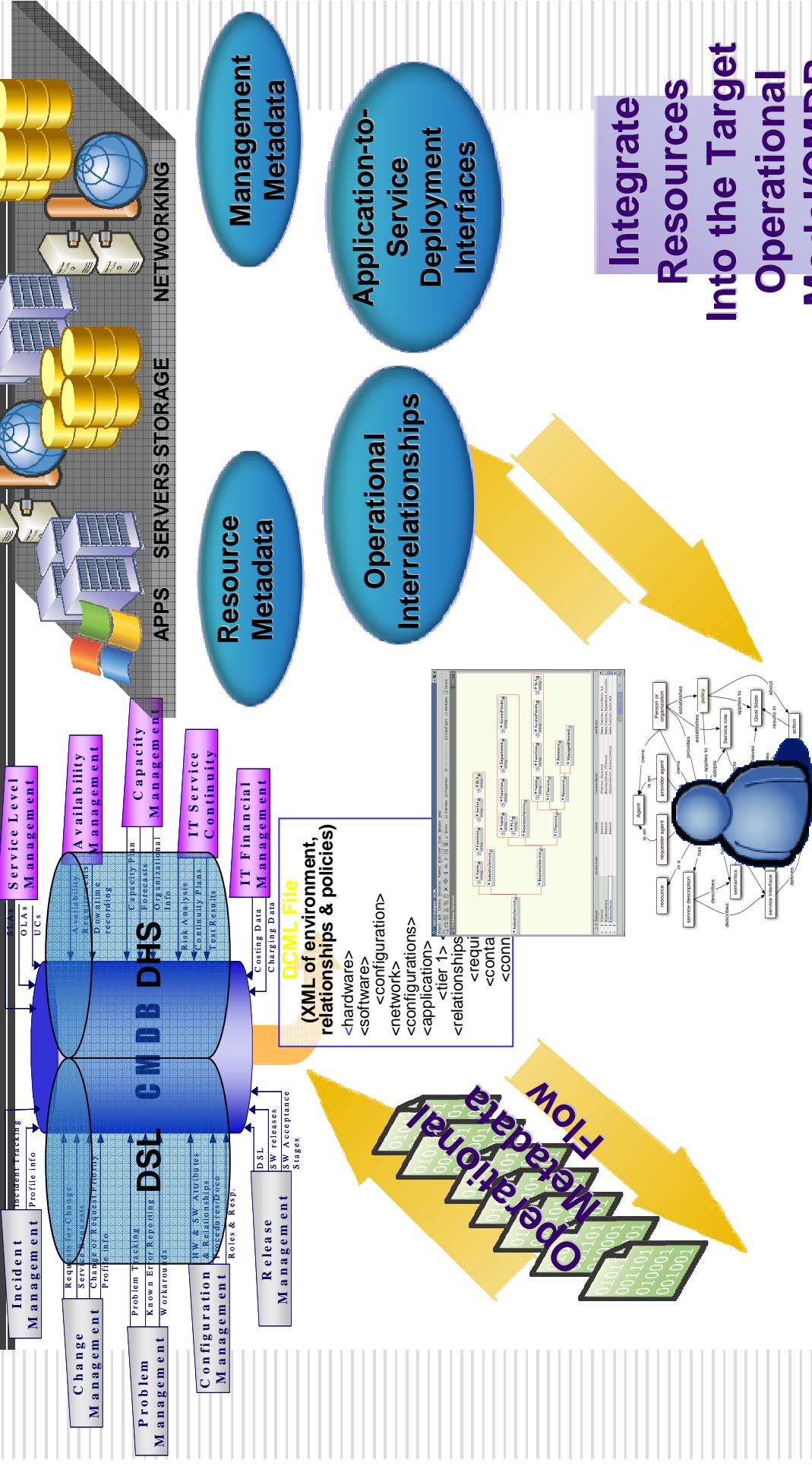


Application  
Architect

SML Document

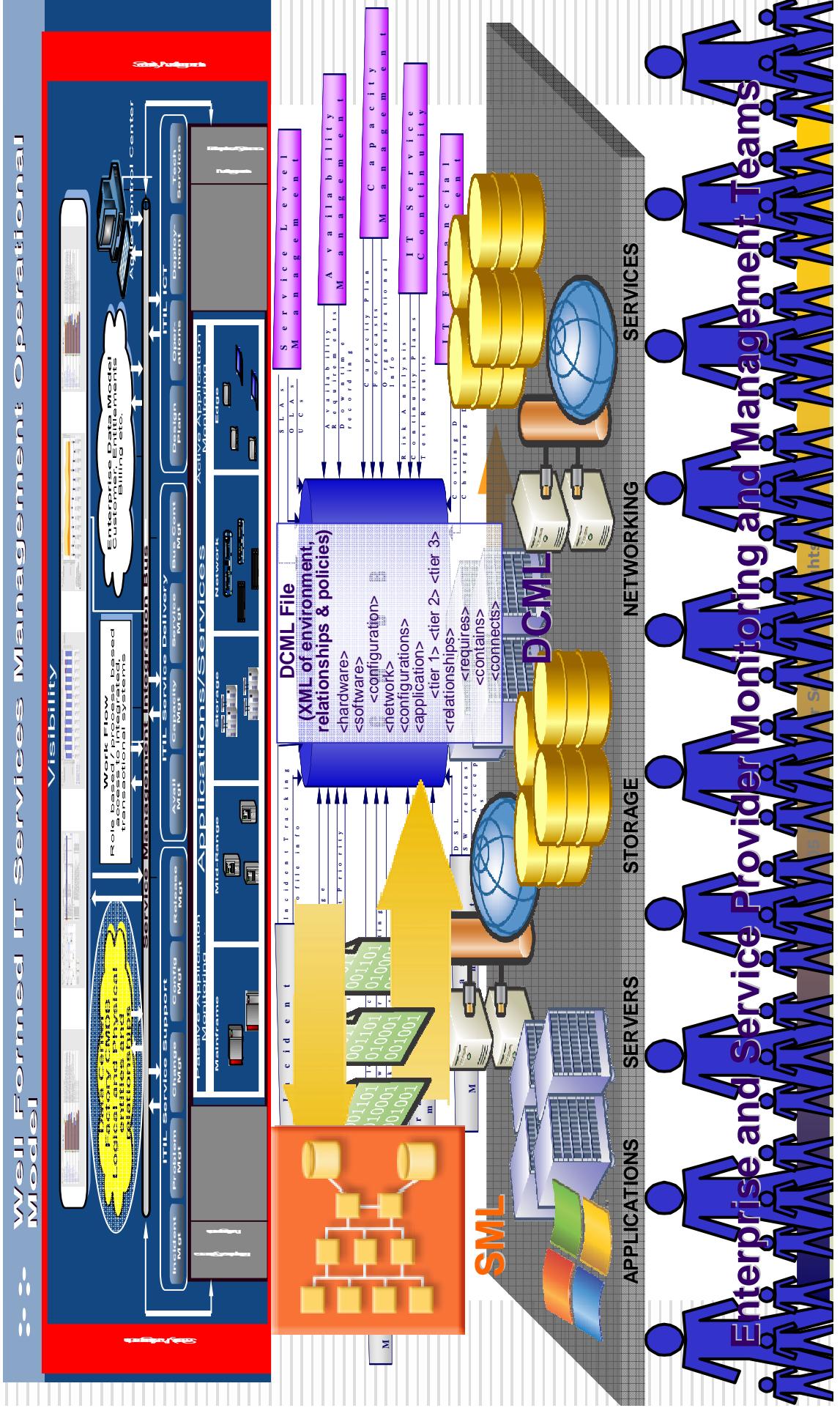
# OASIS DCM<sup>L</sup>

## Enterprise or IT Provider Operational Models, Whose Integration Teams Pre-Integrate and Operationalize Resources Using DCM<sup>L</sup> and ITSM Standardization



Integrate Resources Into the Target Operational Model/CMDB

## Both Used By Management and Monitoring Teams to Operate Production Services Through Their Lifetime



OASIS 3 DGM

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