

3.3.1 Logical data domains have been identified, documented, inventoried and authorized

Identification of logical data domains must be driven by the business from the perspective of what data is needed to perform the required business functions. A logical data domain is the representation of a category of data that has been designated and named. Logical data domains represent the data, not the databases, which are needed to satisfy the business process requirements.

Objectives

- Involve business process subject matter experts in the identification of the logical data domains.
- Identify and prioritize logical data domains.
- Structure logical data domains to contain the data of the domains irrespective of the various organizational structures where the data may be produced organization-wide.

Advice

The overall goal is to ensure the proper use of data and to get stakeholders to think about DM in terms of data content concepts and not the physical database repositories. All this needs to be based on an understanding of how the business functions operate in reality. Once the logical data domains are defined, they must be mapped to their physical locations and associated with authorized provisioning points. The first step, however, is to define the domains. Data domains include both internally generated data as well as externally acquired data. It is imperative that these strategic data assets are identified and inventoried to ensure their proper use in all data consumer critical business processes.

Questions

- Have data domain owners who are responsible for the quality and availability of the data been identified?
- Has the business domain owner, as well as the DA function, been involved in the designation of the authoritative data domains?
- Have data domain taxonomies and conceptual/logical models been verified by business subject experts?
- Are all critical business functions represented in the discussion?
- Is the distinction between data domains and databases clear?

Artifacts

- Policy indicating what authoritative data domains are and how they are to be used
- Criteria for determination of authoritative data domains
- Inventory of authoritative data domains
- List of stakeholders and evidence of bi-directional communication

Not Initiated	Conceptual	Developmental	Defined	Achieved	Enhanced
No logical <u>data domains</u> exist.	No logical <u>data domains</u> exist, but the need is recognized and the development is being discussed.	Logical <u>data domains</u> are being developed.	Logical <u>data domains</u> are being defined and validated by directly involved <u>stakeholders</u> .	Logical <u>data domains</u> are established, recognized and used by <u>stakeholders</u> .	Logical <u>data domains</u> are established as part of business-as-usual practice with a continuous improvement routine.

Sub-Capability Statement

DCAM Description and Objective

Sub-Capability Rating Guidance

Advice from an Audit Perspective

Essential Questions

Required Artifacts as Evidence of Adherence