



EDM Council /

2. CDMC Key Controls and Automation Test Case Guide
/ Chapter 3: CDMC Capabilities & Control Examples /

Capability 6.2

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Capability 6.2

Body

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A. CDMC Description

COMPONENT 6.0: DATA & TECHNICAL ARCHITECTURE	
CAPABILITY 6.2 TECHNICAL DESIGN PRINCIPLES ARE ESTABLISHED AND APPLIED	
Control 14: Cost Metrics	
Control Description	Cost Metrics directly associated with the use, storage and movement of data must be available in the catalog.
Risks Addressed	Costs are not managed, detrimentally impacting the commercial viability of the organization.
Drivers / Requirements	As cloud changes the cost paradigm from Capex to Opex, organizations require additional visibility on where data movement, storage and usage costs are being incurred. Poor data architectural choices concerning data placement can incur additional costs through ingress or egress costs. For example, extra compute costs will be incurred when trying to run data warehouse workloads on OLTP infrastructure.
Legacy / On-Premises Challenges	Limited need to manage data processing or storage costs at a data asset level. No line-item costing on the assets in a data catalog, so organizations cannot run a cost-analysis to understand where their data management costs are specifically being incurred.
Automation Opportunities	<ul style="list-style-type: none">Automatically track the movement, storage, and usage costs of data assets and make this information available via the data catalog.Support automated policy-driven cost management and optimization of data processing.
Benefits	Data owners would be able to understand who is using what data, the frequency of that access and the cost that is being incurred to provide that data.
Summary	The financial operations infrastructure of cloud service providers is robust enough to identify accounts and operations that are incurring costs and to associate those costs to specific data assets as line items in the data catalog.

B. Commentary

- Multi-cloud vendors each provide mechanisms for account level cost estimating, rollups, and analysis. Often the costing methodology is not the same making 'apples to apples' comparison and aggregation difficult. It is the financial management organization that ultimately will aggregate costs using accounting procedures. It's recommended that these are the aggregate

Properties

TEMPLATE

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