

The Capability Maturity Model Integration® - Reference Sheet



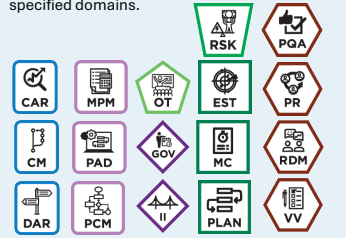
Categories

Categories are logical groups or types of views of related Capability Areas that address common problems encountered by businesses when producing or delivering solutions.



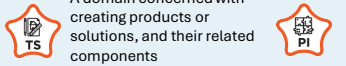
Core

A collection of Practice Areas considered foundational. Core Practice Areas (PAs) enable organizational improvement and provide the building blocks for achieving maturity levels for specified domains.



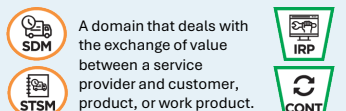
Development

A domain concerned with creating products or solutions, and their related components



Services

A domain that deals with the exchange of value between a service provider and customer, product, or work product.



Capability Areas

A group of related Practice Areas that can provide improved performance in the skills and activities of an organization or project. Capability Areas are a type of view.

Practice Areas

A collection of similar practices that together achieve the defined intent, value, and required information described in that practice Area.

Levels

This column shows the levels for all Practice Groups within each Practice Area.

Category	Capability Area	Practice Area	Level 1	Level 2	Level 3	Level 4	Level 5	Subdomains
Doing	DMS Delivering and Managing Services	Service Delivery Management	1	2	3			SVC
		Strategic Service Management	1	2	3			SVC
	ENQ Ensuring Quality	Process Quality Assurance	1	2	3			CORE
		Peer Reviews	1	2	3			CORE
EDP Engineering and Developing Products	Requirements Development and Management	1	2	3			CORE	
	Verification & Validation	1	2	3			CORE	
SMS Selecting and Managing Suppliers	Supplier Agreement Management	1	2	3	4		SPM	
Managing	MBR Managing Business Resilience	Continuity	1	2	3			SVC
		Incident Resolution and Prevention	1	2	3			SVC
		Risk and Opportunity Management	1	2	3			CORE
	MWF Managing The Workforce	Enabling Virtual Working	1	2	3			VRT
		Organizational Training	1	2	3			CORE
	PMW Planning and Managing Work	Workforce Empowerment	1	2	3			PPL
Estimating		1	2	3			CORE	
Supporting	MD Managing Data	Monitor and Control	1	2	3	4		CORE
		Planning	1	2	3			CORE
	MSS Managing Security and Safety	Data Management	1	2	3			DATA
		Data Quality	1	2	3			DATA
	SI Supporting Implementation	Enabling Safety	1	2	3			SAF
		Enabling Security	1	2	3			SEC
IMP Improving Performance	Managing Security Threats and Vulnerabilities	1	2	3	4		SEC	
	Causal Analysis and Resolution	1	2	3	4	5	CORE	
SHP Sustaining Habit and Persistence	Configuration Management	1	2	3			CORE	
	Decision Analysis and Resolution	1	2	3			CORE	
Improving	IMP Improving Performance	Managing Performance & Measurement	1	2	3	4	5	CORE
		Process Asset Development	1	2	3	4		CORE
Improving	SHP Sustaining Habit and Persistence	Process Management	1	2	3	4		CORE
		Governance	1	2	3	4		CORE
Improving	SHP Sustaining Habit and Persistence	Implementation Infrastructure	1	2	3	4		CORE
			1	2	3	4		CORE

Levels provide an organizing structure for practices and represent an evolutionary pathway towards ever increasing capability; the higher the level number, the higher the associated level of capability. Levels are largely incremental and build on one another, although Level 2 typically subsumes Level 1 entirely. The characteristics of the different levels are summarized in the following diagram:



Capability Level:

The highest practice group level for a given Practice Area at which the intent and value of all practices is met. Capability levels are cumulative and for each practice group level met, all lower-level practice groups must also be met. Available capability level ratings include: Capability Level 1 (CL1), Capability Level 2 (CL2), and Capability Level 3 (CL3). To achieve a target capability level:

- All practice groups in the Practice Area must be rated at the target level
- II and GOV practice groups must also be rated up to and including that same target level

Maturity Level:

A rating that describes the degree to which processes in an Organizational Unit (OU) meet the intents and values of a predefined set of Practice Areas. The rating is based on the achievement of a specified set of practice group levels within the predefined set of Practice Areas. Available maturity level ratings include: Maturity Level 1 (ML1), Maturity Level 2 (ML2), Maturity Level 3 (ML3), Maturity Level 4 (ML4), and Maturity Level 5 (ML5).

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Data

A domain dealing with information that can be recorded, communicated, and analyzed.



People

A domain to help ensure staff are suitably skilled and empowered to help the organization succeed.



Safety

A domain concerned with assessing, enhancing, and improving an organization's safety strategies.



Security

A domain concerned with assessing, enhancing, and improving an organization's approach to security.



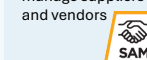
Virtual

Domain to help develop the skills necessary to understand best practices, for virtual Business operations



Suppliers

Domain to help improve an organization's capability to identify and manage suppliers and vendors



Domains

An organizing principle in both the CMMI model and appraisal method. Domains are functionally similar groupings of Practice Areas that are applicable or tailored to an organization's primary capabilities, There are 8 specialist domains all of which are supported by 17 'core' practice areas.