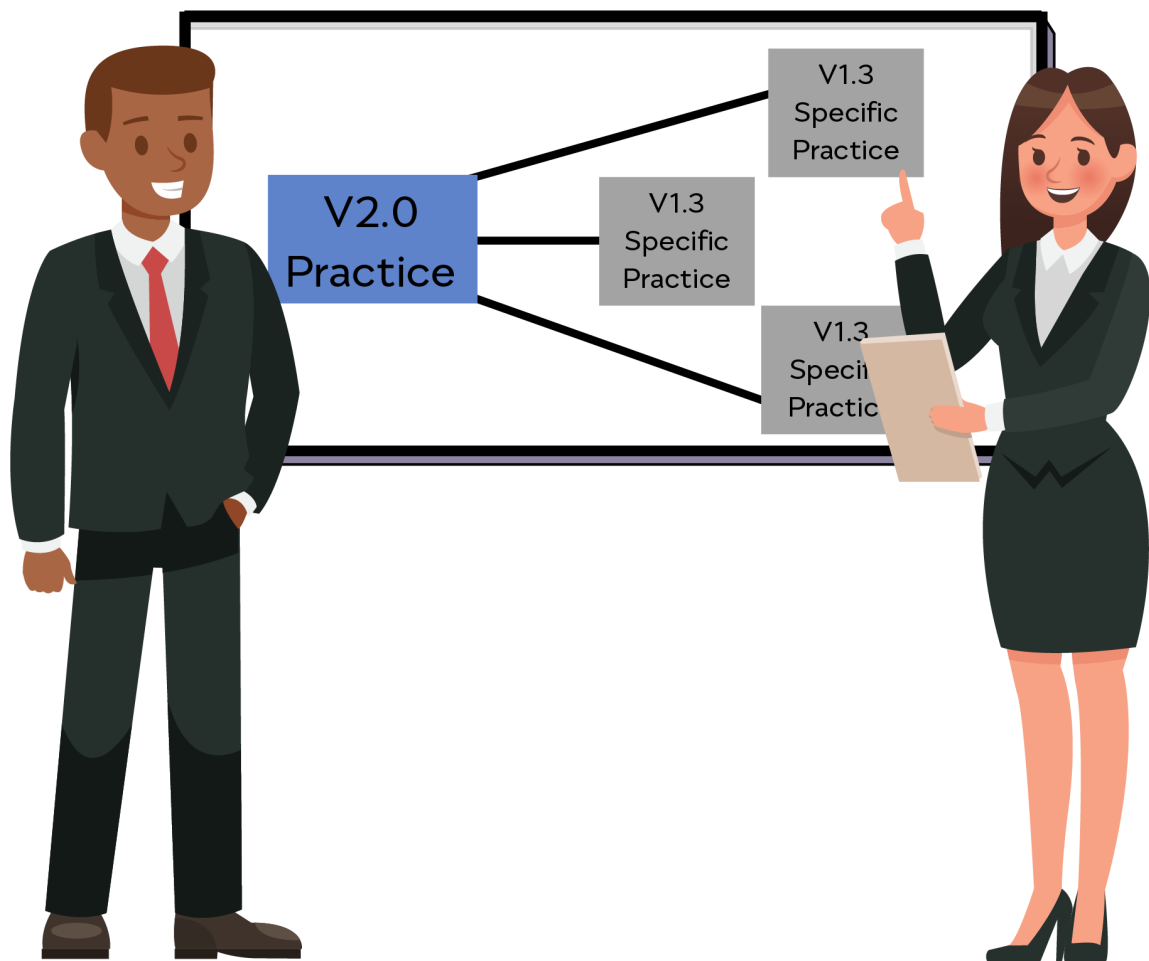


BROADSWORD

CMMI-DEV V1.3[®] to CMMI Development V2.0[®] Crosswalk



Introduction

Businesses, governments, and others have for some time been anxiously awaiting the next iteration of the CMMI® (Capability Maturity Model® Integration). It finally arrived in 2018 in the form of CMMI® V2.0. This new version introduces a number of key improvements including:

- (1) Increased emphasis on using the CMMI to drive Return on Investment (ROI) and overall business value
- (2) Lessen the resource intensity of appraisals
- (3) More focus on keeping the model updated with recent market trends
- (4) Streamline the usability of the model using an online platform

Terminology

There have been changes to the terminology surrounding the model including the introduction of new terms and the retirement of terms associated with version 1.3 of the model. The table below summarizes some of the most important changes:

CMMI V1.3 – Old Terminology	CMMI V2.0 – New Terminology
Process Area	Practice Area
Specific Practice	Practice
Sub-Practice	Example Activity
Process Area Category	Capability Area
Not Applicable	Category
Goal	Not used!
Not Applicable	Practice Group
Beloved Blue Book	Online Browser-based Viewer
Elaborations	Not used!

Among the terminology changes are two completely new terms for CMMI V2.0, Category and Practice Group. Categories are logical groupings of related capability areas. Examples in the model include Doing, Improving, Managing, and Enabling. Practice Groups are a set of practices within a practice area organized into a set of evolutionary levels; Level 0, Level 1, Level 2, etc.). The levels build on top of each other providing increasing organizational capabilities and performance.

Architecture

The architecture of the model has also undergone changes. There are still five (5) maturity levels, but the number of total Practice Areas (formerly Process Areas in V1.3) have changed. Also, the Generic Practices have been consolidated into two new Practice Areas called Governance (GOV) and Implementation Infrastructure (II). The changes are best illustrated by the following table:

For the CMMI Development View:

Item	CMMI V1.3	CMMI V2.0
ML5 Practice Areas	22	20
ML4 Practice Areas	20	20
ML3 Practice Areas	18	20
ML2 Practice Areas	7	10
Practices in ML3	356	182
Total Generic Practices	218	0

Practice Area Changes

There have also been significant changes relating to the practice areas. Many of these changes help promote better understanding of the model and how it fits within the broader context of the organization. Some of the key practice area changes include:

- (1) The Validation and Verification areas have been combined into a single practice area
- (2) Peer Reviews now has its own practice area
- (3) Requirements Development and Requirements Management have been combined into a single practice area
- (4) Two new practice areas, Governance and Implementation Infrastructure have been created to support continuous improvement
- (5) Measurement and Analysis has been renamed to Managing Performance and Measurement with increased focus on performance and business goals
- (6) A new practice area focused on Estimation has been added
- (7) The Governance practice area defines senior leadership's role in process improvement

(8) Content related to Agile ceremonies and techniques have been added to each practice area

CMMI V1.3 to V2.0 Crosswalk

This section provides a cross walk between CMMI V1.3 and CMMI V2.0. The intent of this mapping is to make V2.0 easier to understand (to those that are familiar with V1.3) and to ease the transition to the new version. Each Specific Practice within V1.3 has been mapped to the corresponding Practice(s) in V2.0. In many instances there will be one-to-many relationship between the practices.

Project Management Category

Project Planning (PP)

SP 1.1 Estimate the Scope of the Project is equivalent to the following practice(s) in V2.0:

- EST 1.1 Create a high-level estimate to understand the initial scope.
- EST 2.1 Mature the initial scope as more is learned.
- PLAN 1.1 List the work to be performed.

SP 1.2 Establish Estimates of Work Product and Task Attributes is equivalent to the following practice(s) in V2.0:

- EST 2.2 Mature the initial estimates as more is learned.
- EST 3.1 Modify the project's processes based on the organization's standard processes and tailoring guidelines.

SP 1.3 Define Project Lifecycle Phases is equivalent to the following practice(s) in V2.0:

- PLAN 2.1 Refine approach for performing the work as more is learned.

SP 1.4 Estimate Effort and Cost is equivalent to the following practice(s) in V2.0:

- EST 2.3 Based on the matured scope and estimates, size all work.
- EST 3.1 Use or create defined estimation methods.
- EST 3.2 Use historical data, if available, to do estimation.

SP 2.1 Establish the Budget and Schedule is equivalent to the following practice(s) in V2.0:

- PLAN 2.3 Maintain budget and schedule based on the estimates.

SP 2.2 Identify Project Risks is equivalent to the following practice(s) in V2.0:

- RSK 1.1 Capture and revise risks or opportunities as more is learned.

SP 2.3 Plan for Data Management is equivalent to the following practice(s) in V2.0:

- PLAN 2.7 Mature the project plan.

SP 2.4 Plan the Project Resources is equivalent to the following practice(s) in V2.0:

- PLAN 1.2 Determine who is performing the work.

SP 2.5 Plan Needed Knowledge and Skills is equivalent to the following practice(s) in V2.0:

- PLAN 2.2 Identify and assess the knowledge and skills needed for the work.

SP 2.6 Plan Stakeholder Involvement is equivalent to the following practice(s) in V2.0:

- PLAN 2.4 Determine how stakeholders will be involved.

SP 2.7 Establish the Project Plan is equivalent to the following practice(s) in V2.0:

- PLAN 2.7 Mature the project plan.

SP 3.1 Review Plans that Affect the Project is equivalent to the following practice(s) in V2.0:

- PLAN 2.7 Mature the project plan.

SP 3.2 Reconcile Work and Resource Levels is equivalent to the following practice(s) in V2.0:

- PLAN 2.6 Check plans for feasibility.

SP 3.3 Obtain Plan Commitment is equivalent to the following practice(s) in V2.0:

- PLAN 2.8 Evaluate and commit to plans.

Project Monitoring and Control (PMC)

SP 1.1 Monitor Project Planning Parameters is equivalent to the following practice(s) in V2.0:

- MC 1.1 Update the completion of tasks.
- MC 2.1 Monitor project performance results for size, effort, schedule, resources, knowledge, skills and budget for comparison with estimates.

SP 1.2 Monitor Commitments is equivalent to the following practice(s) in V2.0:

- MC 2.2 Monitor stakeholder involvement and commitments.

SP 1.3 Monitor Project Risks is equivalent to the following practice(s) in V2.0:

- RSK 2.2 Review risks or opportunities and share results with stakeholders.

SP 1.4 Monitor Data Management is equivalent to the following practice(s) in V2.0:

- MC 3.1 Use the project process and project plan to manage the project.

SP 1.5 Monitor Stakeholder Involvement is equivalent to the following practice(s) in V2.0:

- MC 2.2 Monitor stakeholder involvement and commitments.
- MC 3.4 Identify and address issues impacting stakeholders.

SP 1.6 Conduct Progress Reviews is equivalent to the following practice(s) in V2.0:

- MC 2.1 Monitor project performance results for size, effort, schedule, resources, knowledge, skills and budget for comparison with estimates.

SP 1.7 Conduct Milestone Reviews is equivalent to the following practice(s) in V2.0:

- MC 2.2 Monitor stakeholder involvement and commitments.

SP 2.1 Analyze Issues is equivalent to the following practice(s) in V2.0:

- MC 1.2 Capture and address issues.
- MC 3.3 Identify and address issues with the work environment.

SP 2.2 Take Corrective Action is equivalent to the following practice(s) in V2.0:

- MC 1.2 Capture and address issues.
- MC 2.4 Perform actions to correct deviations between planned and actual results.

SP 2.3 Manage Corrective Action is equivalent to the following practice(s) in V2.0:

- MC 2.4 Perform actions to correct deviations between planned and actual results.

Integrated Project Management (IPM)

SP1.1 Establish the Project's Defined Process is equivalent to the following practice(s) in V2.0:

- PLAN 3.1 Modify the project's processes based on the organization's standard processes and tailoring guidelines.

SP1.2 Use Organizational Process Assets for Planning Project Activities is equivalent to the following practice(s) in V2.0:

- PLAN 3.2 Plan the project using project processes, organizational process assets, and historical data.
- II 3.1 Apply processes and process assets to project planning and work activities.

SP1.3 Establish the Project's Work Environment is equivalent to the following practice(s) in V2.0:

- PLAN 3.4 Define the project environment and revise as conditions change.

SP1.4 Integrate Plans is equivalent to the following practice(s) in V2.0:

- PLAN 3.2 Plan the project using project processes, organizational process assets, and historical data.

SP1.5 Manage the Project Using Integrated Plans is equivalent to the following practice(s) in V2.0:

- MC 3.1 Use the project process and project plan to manage the project.

SP1.6 Establish Teams

- FUTURE Capability Area under Empowered Workgroups

SP1.7 Contribute to Organizational Process Assets is equivalent to the following practice(s) in V2.0:

- II 3.3 Collect and share process related experiences.

SP2.1 Manage Stakeholder Involvement is equivalent to the following practice(s) in V2.0:

- MC 2.2 Monitor stakeholder involvement and commitments.

SP2.2 Manage Dependencies is equivalent to the following practice(s) in V2.0:

- PLAN 3.3 Monitor critical dependencies.
- MC 3.2 Monitor critical dependencies and associated actions.

SP2.3 Resolve Coordination Issues is equivalent to the following practice(s) in V2.0:

- MC 3.4 Identify and address issues impacting stakeholders.

Risk Management (RSKM)

SP1.1 Determine Risk Sources and Categories is equivalent to the following practice(s) in V2.0:

- RSK 3.1 Utilize risk or opportunity categories.

SP1.2 Define Risk Parameters is equivalent to the following practice(s) in V2.0:

- RSK 3.2 Utilize parameters for risk or opportunity analysis.

SP1.3 Establish Risk Management Strategy is equivalent to the following practice(s) in V2.0:

- RSK 3.3 Create and maintain a risk or opportunity management strategy.

SP2.1 Identify Risks is equivalent to the following practice(s) in V2.0:

- RSK 1.1 Capture and revise risks or opportunities as more is learned.

SP 2.2 Evaluate, Categorize, and Prioritize Risks is equivalent to the following practice(s) in V2.0:

- RSK 2.1 Examine risks or opportunities.

SP3.1 Develop Risk Mitigation Plans is equivalent to the following practice(s) in V2.0:

- RSK 3.4 Create and maintain a risk or opportunity management plans.

SP3.2 Implement Risk Mitigation Plans is equivalent to the following practice(s) in V2.0:

- RSK 3.5 Manage planned risk or opportunity management actions.

Requirements Management (REQM)

SP1.1 Understand Requirements is equivalent to the following practice(s) in V2.0:

- RDM 2.3 Gain consensus on the meaning of the requirements.

SP1.2 Obtain Commitment to Requirements is equivalent to the following practice(s) in V2.0:

- RDM 2.4 Determine if the requirements can be met.

SP1.3 Manage Requirements Changes is equivalent to the following practice(s) in V2.0:

- RDM 3.1 Keep requirements current as stakeholder needs change.

SP1.4 Maintain Bidirectional Traceability of Requirements is equivalent to the following practice(s) in V2.0:

- RDM 2.5 Implement requirements traceability including work products and project activities.

SP1.5 Ensure Alignment Between Project Work and Requirements is equivalent to the following practice(s) in V2.0:

- RDM 2.6 Maintain consistency between plans, project activities, and work products as requirements change.

Supplier Agreement Management (SAM)

SP1.1 Determine Acquisition Type

- No Corresponding Practice in V2.0

SP1.2 Select Suppliers

- No Corresponding Practice in V2.0

SP1.3 Establish Supplier Agreements is equivalent to the following practice(s) in V2.0:

- SAM 1.1 Create the supplier agreement.

SP2.1 Execute the Supplier Agreement is equivalent to the following practice(s) in V2.0:

- SAM 2.1 Use the supplier agreement as guidance to monitor supplier and maintain the agreement.
- SAM 2.2 Supplier performs work activities as established in the agreement.
- SAM 3.1 Perform reviews on technical deliverables from the supplier.
- SAM 3.2 Use criteria in the supplier agreement to examine supplier processes and deliverables.

SP2.2 Accept the Acquired Product is equivalent to the following practice(s) in V2.0:

- SAM 1.2 Determine acceptance of the supplier's work.
- SAM 2.3 Confirm supplier has fulfilled the agreement.
- SAM 2.4 Process invoices based on the supplier agreement.
- SAM 3.1 Perform reviews on technical deliverables from the supplier.
- SAM 3.2 Use criteria in the supplier agreement to examine supplier processes and deliverables.

SP2.3 Ensure Transition of Products is equivalent to the following practice(s) in V2.0:

- PLAN 2.5 Determine hand-off approach to operations and support.
- MC 2.3 Track hand-off to operations and support.

Support Category

Configuration Management (CM)

SP 1.1 Identify Configuration Items is equivalent to the following practice(s) in V2.0:

- CM 1.1 Apply version control to work products.
- CM 2.1 List items subject to configuration management.

SP 1.2 Establish a Configuration Management System is equivalent to the following practice(s) in V2.0:

- CM 2.2 Maintain a configuration management system.

SP 1.3 Create or Release Baselines is equivalent to the following practice(s) in V2.0:

- CM 2.3 Create baselines.

SP 2.1 Track Change Requests is equivalent to the following practice(s) in V2.0:

- CM 2.4 Control changes made to configuration items.

SP 2.2 Control Configuration Items is equivalent to the following practice(s) in V2.0:

- CM 2.4 Control changes made to configuration items.

SP 3.1 Establish Configuration Management Records is equivalent to the following practice(s) in V2.0:

- CM 2.5 Maintain records of configuration items.

SP 3.2 Perform Configuration Audits is equivalent to the following practice(s) in V2.0:

- CM 2.6 Conduct configuration audits.

Measurement and Analysis (MA)

SP 1.1 Establish Measurement Objectives is equivalent to the following practice(s) in V2.0:

- MPM 2.1 Establish and maintain measurement and performance objectives based on business objectives.
- MPM 3.1 Establish and maintain traceability between measurement/ performance objectives and business objectives.

SP 1.2 Specify Measures is equivalent to the following practice(s) in V2.0:

- MPM 2.2 Define and maintain measurement definitions.
- MPM 3.1 Establish and maintain traceability between measurement/ performance objectives and business objectives.
- MPM 3.2 Adhere to organizational processes and standards to create and maintain measurement definitions.

SP 1.3 Specify Data Collection and Storage Procedures is equivalent to the following practice(s) in V2.0:

- MPM 2.2 Define and maintain measurement definitions.
- MPM 3.2 Adhere to organizational processes and standards to create and maintain measurement definitions.
- MPM 3.3 Establish a data quality approach.

SP 1.4 Specify Analysis Procedures is equivalent to the following practice(s) in V2.0:

- MPM 2.2 Define and maintain measurement definitions.
- MPM 3.2 Adhere to organizational processes and standards to create and maintain measurement definitions.
- MPM 3.3 Establish a data quality approach.

SP 2.1 Obtain Measurement Data is equivalent to the following practice(s) in V2.0:

- MPM 1.1 Capture and store performance metrics.
- MPM 2.3 Collect measurement data based on the measurement definitions.

SP 2.2 Analyze Measurement Data is equivalent to the following practice(s) in V2.0:

- MPM 1.2 Determine performance issues and resolve.
- MPM 2.4 Evaluate measurement data based on the measurement definitions.
- MPM 3.3 Establish a data quality approach.

SP 2.3 Store Data and Results is equivalent to the following practice(s) in V2.0:

- MPM 1.1 Capture and store performance metrics.
- MPM 2.5 Store measurement data, evaluation results, and other attributes based on the measurement definitions.
- MPM 3.3 Establish a data quality approach.

SP 2.4 Communicate Results is equivalent to the following practice(s) in V2.0:

- MPM 3.6 Share performance results with the organization on a periodic basis.

Decision Analysis and Resolution (DAR)

SP 1.1 Establish Guidelines for Decision Analysis is equivalent to the following practice(s) in V2.0:

- DAR 2.1 Define and maintain guidelines/ criteria for using a formal evaluation process.

SP 1.2 Establish Evaluation Criteria is equivalent to the following practice(s) in V2.0:

- DAR 2.2 Identify evaluation criteria.

SP 1.3 Identify Alternative Solutions is equivalent to the following practice(s) in V2.0:

- DAR 1.1 List alternatives.
- DAR 2.3 Define the alternatives.

SP 1.4 Select Evaluation Methods is equivalent to the following practice(s) in V2.0:

- DAR 2.4 Chose the evaluation approach.

SP 1.5 Evaluate Alternative Solutions is equivalent to the following practice(s) in V2.0:

- DAR 2.5 Select solution based on criteria and evaluation approach.

SP 1.6 Select Solutions is equivalent to the following practice(s) in V2.0:

- DAR 1.2 Document the decision.
- DAR 2.5 Select solution based on criteria and evaluation approach.

Process and Product Quality Assurance (PPQA)

SP1.1 Objectively Evaluate Processes is equivalent to the following practice(s) in V2.0:

- PQA 2.2 Conduct objective process and work product quality evaluations.
- PQA 3.1 Capture improvement opportunities as part of the quality evaluations.
- PQA 1.1 Capture and take action on process and work product issues.

SP1.2 Objectively Evaluate Work Products is equivalent to the following practice(s) in V2.0:

- PQA 2.2 Conduct objective process and work product quality evaluations.
- PQA 3.1 Capture improvement opportunities as part of the quality evaluations.
- PQA 1.1 Capture and take action on process and work product issues.

SP2.1 Communicate and Resolve Noncompliance Issues is equivalent to the following practice(s) in V2.0:

- PQA 2.3 Convey results of process and work product quality evaluations to stakeholders.

SP2.2 Establish Records is equivalent to the following practice(s) in V2.0:

- PQA 2.4 Capture results of process and work product quality evaluations.
- PQA 1.1 Capture and take action on process and work product issues.

Causal Analysis and Resolution (CAR)

SP 1.1 Select Outcomes for Analysis is equivalent to the following practice(s) in V2.0:

- CAR 2.1 Identify outcomes to analyze.

SP 1.2 Analyze Causes is equivalent to the following practice(s) in V2.0:

- CAR 1.1 Determine causes of certain outcomes and take action.
- CAR 2.2 Examine the cause of an outcome and take action to resolve.
- CAR 3.1 Utilize an organizational approach to identify root causes of certain outcomes.
- CAR 3.2 Identify potential actions to take against root causes.

SP 2.1 Implement Action Proposals is equivalent to the following practice(s) in V2.0:

- CAR 1.1 Determine causes of certain outcomes and take action.
- CAR 3.3 Perform selected actions.

SP 2.2 Evaluate the Effect of Implemented Actions is equivalent to the following practice(s) in V2.0:

- CAR 3.4 Collect results from root cause analysis and resolution actions.

SP 2.3 Record Causal Analysis Data is equivalent to the following practice(s) in V2.0:

- CAR 3.5 Submit improvement opportunities.

GG2 Institutionalize a Managed Process

GP 2.1 Establish an Organization Policy is equivalent to the following practice(s) in V2.0:

- GOV 1.1 Senior management sets expectations on how to accomplish the organization's objectives.
- GOV 2.1 Senior management sets, maintains, and shares organizational policies and directives for process improvement.

GP 2.2 Plan the Process is equivalent to the following practice(s) in V2.0:

- PQA 2.1 Create and maintain a process quality plan based on historical quality information.
- PLAN 2.7 Mature the project plan.

GP 2.3 Provide Resources is equivalent to the following practice(s) in V2.0:

- II 2.1 Resources are made available to support process development.
- GOV 2.2 Senior management makes resources available to support process improvement activities.

GP 2.4 Assign Responsibility is equivalent to the following practice(s) in V2.0:

- PLAN 1.2 Determine who is performing the work.
- GOV 2.2 Senior management makes resources available to support process improvement activities.

GP 2.5 Train People is equivalent to the following practice(s) in V2.0:

- GOV 2.2 Senior management makes resources available to support process improvement activities.
- GOV 3.2 Senior management makes certain the skills exist to perform the processes needed to meet the organization's objectives.
- II 2.1 Resources are made available to support process development.

GP 2.6 Control Work Products is equivalent to the following practice(s) in V2.0:

- II 2.2 Record and maintain processes, and evaluate adherence to the process.

GP 2.7 Identify and Involve Relevant Stakeholders is equivalent to the following practice(s) in V2.0:

- GOV 2.4 Senior management exercises accountability over stakeholders for process improvement activities.

GP 2.8 Monitor and Control the Process is equivalent to the following practice(s) in V2.0:

- II 3.2 Assess whether the process is being followed and is beneficial.
- GOV 3.1 Senior management makes certain that measures are being utilized across the organization.
- MPM 3.5 Utilize measurement/ performance data to identify process improvements.

GP 2.9 Objectively Evaluate Adherence is equivalent to the following practice(s) in V2.0:

- II 2.2 Record and maintain processes, and evaluate adherence to the process.
- II 3.2 Assess whether the process is being followed and is beneficial.

GP 2.10 Review Status with Higher Level Management is equivalent to the following practice(s) in V2.0:

- GOV 2.3 Senior management determines the information needed to provide oversight of process improvement activities.

GG3 Institutionalize a Defined Process

GP 3.1 Establish a Defined Process is equivalent to the following practice(s) in V2.0:

- II 3.1 Apply processes and process assets to project planning and work activities.

GP 3.2 Collect Process Related Experiences is equivalent to the following practice(s) in V2.0:

- PQA 3.1 Capture improvement opportunities as part of the quality evaluations.
- II 3.3 Collect and share process related experiences.

Engineering Category

Requirements Development (RD)

SP1.1 Elicit Needs is equivalent to the following practice(s) in V2.0:

- RDM 1.1 Capture customer requirements.
- RDM 2.1 Determine all aspects of the solution based on stakeholder needs.

SP1.2 Transform Stakeholder Needs into Customer Requirements is equivalent to the following practice(s) in V2.0:

- RDM 1.1 Capture customer requirements.
- RDM 2.1 Determine all aspects of the solution based on stakeholder needs.
- RDM 2.2 Develop requirements based on stakeholder priorities.

SP2.1 Establish Product and Product Component Requirements is equivalent to the following practice(s) in V2.0:

- RDM 2.2 Develop requirements based on stakeholder priorities.

SP2.2 Allocate Product Component Requirements is equivalent to the following practice(s) in V2.0:

- RDM 3.3 Connect requirements to components of the solution.

SP2.3 Identify Interface Requirements is equivalent to the following practice(s) in V2.0:

- RDM 3.4 Maintain interface and integration requirements.

SP3.1 Establish Operation Concepts and Scenarios is equivalent to the following practice(s) in V2.0:

- RDM 3.2 Envision how the solution will be used within its intended environment.

SP3.2 Establish Definition of Required Functionality and Quality Attributes is equivalent to the following practice(s) in V2.0:

- RDM 2.2 Develop requirements based on stakeholder priorities.

SP3.3 Analyze Requirements is equivalent to the following practice(s) in V2.0:

- RDM 3.5 Analyze requirements to determine necessity and evaluate the level of detail provided.

SP3.4 Analyze Requirements to Achieve Balance is equivalent to the following practice(s) in V2.0:

- RDM 3.6 Analyze requirements to confirm stakeholder expectations.

SP3.5 Validate Requirements is equivalent to the following practice(s) in V2.0:

- RDM 3.7 Confirm requirements will meet stakeholder expectations once the solution is implemented.

Technical Solution (TS)

SP 1.1 Develop Alternative Solutions and Selection Criteria is equivalent to the following practice(s) in V2.0:

- TS 3.1 Identify design evaluation criteria.
- TS 3.2 Define alternatives solutions.

SP 1.2 Select Product Component Solutions is equivalent to the following practice(s) in V2.0:

- TS 3.4 Based on the design criteria, choose solution from among the alternatives.

SP 2.1 Design the Product or Product Component is equivalent to the following practice(s) in V2.0:

- TS 2.1 Determine the design and craft a solution.

SP 2.2 Establish a Technical Data Package is equivalent to the following practice(s) in V2.0:

- TS 3.5 Create and maintain design work products.

SP 2.3 Design Interfaces Using Criteria is equivalent to the following practice(s) in V2.0:

- TS 3.1 Identify design evaluation criteria.
- TS 3.6 Based on standards and guidelines, create interface and integration designs.

SP 2.4 Perform Make, Buy, or Reuse Analyses is equivalent to the following practice(s) in V2.0:

- TS 3.3 Make decision on buy, build, or reuse.

SP 3.1 Implement the Design is equivalent to the following practice(s) in V2.0:

- TS 1.1 Craft solution.
- TS 2.1 Determine the design and craft a solution.
- TS 2.2 Assess the design for problems and concerns.

SP 3.2 Develop Product Support Documentation is equivalent to the following practice(s) in V2.0:

- TS 2.3 Create end-user materials supporting the solution.

Product Integration (PI)

SP 1.1 Establish an Integration Strategy is equivalent to the following practice(s) in V2.0:

- PI 2.1 Create and maintain an approach for integrating solution components.

SP 1.2 Establish the Product Integration Environment is equivalent to the following practice(s) in V2.0:

- PI 2.2 Create and maintain the environment used to integrate solution components.

SP 1.3 Establish Product Integration Procedures and Criteria is equivalent to the following practice(s) in V2.0:

- PI 2.3 Create and maintain integration procedures.

SP 2.1 Review Interface Descriptions for Completeness is equivalent to the following practice(s) in V2.0:

- PI 3.1 Maintain interface and integration definitions.

SP 2.2 Manage Interfaces is equivalent to the following practice(s) in V2.0:

- PI 3.2 Confirm interfaces and integration components comply with the interface definitions.

SP 3.1 Confirm Readiness of Product Components is equivalent to the following practice(s) in V2.0:

- PI 2.4 Confirm solution component readiness for integration.

SP 3.2 Assemble Product Components is equivalent to the following practice(s) in V2.0:

- PI 2.6 Integrate solution components, based on the integration approach.

SP 3.3 Evaluate Assembled Product Components is equivalent to the following practice(s) in V2.0:

- PI 2.5 Review the integrated components to ensure solution requirements are being met.
- PI 3.3 Review results of integration activities.

SP 3.4 Package and Deliver the Product or Product Component is equivalent to the following practice(s) in V2.0:

- PI 1.1 Integrate solution components and provide to the customer.

Validation (VAL)

SP 1.1 Select Products for Validation is equivalent to the following practice(s) in V2.0:

- VV 2.1 Determine which items require validation and verification including the approach to be used.

SP 1.2 Establish the Validation Environment is equivalent to the following practice(s) in V2.0:

- VV 2.2 Create and maintain the validation and verification environment.

SP 1.3 Establish Validation Procedures and Criteria is equivalent to the following practice(s) in V2.0:

- VV 2.3 Create and maintain validation and verification procedures.
- VV 3.1 Create and maintain validation and verification criteria.

SP 2.1 Perform Validation is equivalent to the following practice(s) in V2.0:

- VV 1.2 Confirm solution will work within its intended environment.

SP 2.2 Analyze Validation Results is equivalent to the following practice(s) in V2.0:

- VV 3.2 Evaluate and share verification and validation results.

Verification (VER)

SP 1.1 Select Products for Verification is equivalent to the following practice(s) in V2.0:

- VV 2.1 Determine which items require validation and verification including the approach to be used.

SP 1.2 Establish the Verification Environment is equivalent to the following practice(s) in V2.0:

- VV 2.2 Create and maintain the validation and verification environment.

SP 1.3 Establish Verification Procedures and Criteria is equivalent to the following practice(s) in V2.0:

- VV 2.3 Create and maintain validation and verification procedures.
- VV 3.1 Create and maintain validation and verification criteria.

SP 2.1 Prepare for Peer Review is equivalent to the following practice(s) in V2.0:

- PR 2.1 Maintain the approach used in managing the peer review process.
- PR 2.2 Identify the items subject to peer reviews.

SP 2.2 Conduct Peer Review is equivalent to the following practice(s) in V2.0:

- PR 1.1 Conduct work product reviews to uncover issues.
- PR 2.3 Conduct peer reviews.
- TS 2.2 Assess the design for problems and concerns.

SP 2.3 Analyze Peer Review Data is equivalent to the following practice(s) in V2.0:

- PR 2.4 Address issues found during the peer review.
- PR 3.1 Review peer review results and supporting data.

SP 3.1 Perform Verification is equivalent to the following practice(s) in V2.0:

- VV 1.1 Confirm stakeholder requirements have been met.

SP 3.2 Analyze Verification Results is equivalent to the following practice(s) in V2.0:

- VV 3.2 Evaluate and share verification and validation results.

Process Management Category

Organizational Process Definition (OPD)

SP 1.1 Establish Standard Processes is equivalent to the following practice(s) in V2.0:

- PAD 1.1 Create process assets to guide work activities.
- PAD 2.1 Identify the process assets needed to support work activities.
- PAD 2.2 Determine the best approach to providing process assets; buy, build, or reuse, and execute.
- PAD 3.3 Create and maintain processes/ process assets and make available for use.

SP 1.2 Establish Lifecycle Model Descriptions is equivalent to the following practice(s) in V2.0:

- PLAN 2.1 Refine approach for performing the work as more is learned.

SP 1.3 Establish Tailoring Criteria and Guidelines is equivalent to the following practice(s) in V2.0:

- PAD 3.4 Establish and maintain tailoring criteria and guidelines.

SP 1.4 Establish the Organization's Measurement Repository is equivalent to the following practice(s) in V2.0:

- MPM 3.4 Establish the organization's measurement repository.
- PAD 3.7 Establish and maintain standards for organizational measurement and analysis.

SP 1.5 Establish the Organization's Process Asset Library is equivalent to the following practice(s) in V2.0:

- PAD 2.3 Provide access to processes and process assets.
- PAD 3.5 Establish and maintain the organization's process asset library.

SP 1.6 Establish Work Environment Standards is equivalent to the following practice(s) in V2.0:

- PAD 3.6 Establish and maintain work environment standards.

SP 1.7 Establish Rules and Guidelines for Teams

- FUTURE Capability Area under Empowered Workgroups

Organizational Process Focus (OPF)

SP 1.1 Establish Organizational Process Needs is equivalent to the following practice(s) in V2.0:

- PCM 2.1 Determine what improvements should be made to processes and process assets.
- PCM 3.1 Create and maintain process improvement objectives.

SP 1.2 Appraise the Organization's Processes is equivalent to the following practice(s) in V2.0:

- PCM 1.2 Evaluate the organization's processes to determine what is working and what is not working.
- PCM 2.1 Determine what improvements should be made to processes and process assets.

SP 1.3 Identify the Organization's Process Improvements is equivalent to the following practice(s) in V2.0:

- PCM 2.1 Determine what improvements should be made to processes and process assets.
- PCM 3.2 Determine processes with the biggest impact on meeting business objectives.
- PCM 3.3 Utilize new processes, approaches, systems, and tools to determine improvement opportunities.

SP 2.1 Establish Process Action Plans is equivalent to the following practice(s) in V2.0:

- PCM 2.2 Maintain and execute process improvement plans.
- PCM 3.3 Utilize new processes, approaches, systems, and tools to determine improvement opportunities.
- PCM 3.4 Initiate and maintain support for process improvement activities.
- PAD 3.1 Define and maintain an approach to create and update process assets.

SP 2.2 Implement Process Action Plans is equivalent to the following practice(s) in V2.0:

- PCM 1.3 Implement improvement opportunities.
- PCM 2.2 Maintain and execute process improvement plans.
- PCM 3.4 Initiate and maintain support for process improvement activities.
- PAD 3.1 Define and maintain an approach to create and update process assets.
- PAD 3.3 Create and maintain processes/ process assets and make available for use.

SP 3.1 Deploy Organizational Process Assets is equivalent to the following practice(s) in V2.0:

- PCM 3.5 Employ standard processes and process assets within the organization.

SP 3.2 Deploy Standard Processes is equivalent to the following practice(s) in V2.0:

- PCM 3.5 Employ standard processes and process assets within the organization.

SP 3.3 Monitor the Implementation is equivalent to the following practice(s) in V2.0:

- PCM 3.6 Assess the impact of deployed improvements on the organization and its objectives.

SP 3.4 Incorporate Experiences into the Organizational Process Assets is equivalent to the following practice(s) in V2.0:

- PCM 3.3 Utilize new processes, approaches, systems, and tools to determine improvement opportunities.

Organizational Training (OT)

SP 1.1 Establish Strategic Training Needs is equivalent to the following practice(s) in V2.0:

- OT 2.1 Determine what training is needed.
- OT 3.1 Mature the organization's strategic and tactical training needs as more is learned.

SP 1.2 Determine Which Training Needs are the Responsibility of the Organization is equivalent to the following practice(s) in V2.0:

- OT 3.2 Manage training needs and training delivery between the organization and the projects.

SP 1.3 Establish an Organizational Training Tactical Plan is equivalent to the following practice(s) in V2.0:

- OT 3.3 Develop and maintain the organizational strategic and tactical training plans.

SP 1.4 Establish a Training Capability is equivalent to the following practice(s) in V2.0:

- OT 3.4 Develop and maintain a training capability for use in addressing organizational training needs.

SP 2.1 Deliver Training is equivalent to the following practice(s) in V2.0:

- OT 1.1 Identify participants and deliver training.
- OT 2.2 Deliver training and maintain training records.

SP 2.2 Establish Training Records is equivalent to the following practice(s) in V2.0:

- OT 2.2 Deliver training and maintain training records.
- OT 3.6 Maintain the organization's training records.

SP 2.3 Assess Training Effectiveness is equivalent to the following practice(s) in V2.0:

- OT 3.5 Determine if the organization's training program is effective in meeting the identified training needs.