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Software process capability maturity model

软件过程能力成熟度模型

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Foreword

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Software Process Capability Maturity Model

1 Scope

This document establishes a software process capability maturity framework, which specifies strategy and governance, development and delivery, management and support, and organizational assurance.

Capability requirements for the four groups of capability domains at the five levels of maturity. This document applies to.

- Organize the construction, monitoring, evaluation and improvement of its own software process capability maturity;
- The acquirer evaluates the supplier's software process capability maturity;

- The assessment agency assesses the software process capability maturity of the assessed organization.

2 Normative references

This document has no normative references.

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 process

A set of interrelated or interacting activities that transform inputs into outputs.

3.2 process capability

A characteristic of the ability of a process to meet current or anticipated business objectives.

[Source: ISO /IEC 33020 2019, 3.4]

3.3 capabilityarea

A set of capability subdomains (3.4) with similar capability characteristics.

3.4 capabilitysub-area

A set of capability requirements that achieve the same goal.

3.5 senior management

The management level in an organization that is responsible for setting strategy, providing and allocating resources, and assuming decision-making responsibilities.

3.6 strategy

The planning and strategy made by an organization for the overall and long-term software business development direction and goals within a certain period of time.

Note. Usually includes key tasks and objectives implemented to achieve the goals, internal and external resource allocation methods, management models, technical routes, etc.