Building a Maturity Model for COBIT 2019 Based on CMMI

Determining the maturity level entails using the capability level combined with other factors to get to a score that reflects not only the existence of the activities but also a holistic and integral view of the organization’s processes, when combined with other metrics, to present to management. To achieve this, it is necessary to correlate the capability level with other indicators to get a better descriptive score for the processes that can give a concise approach to the organizational status. It is also necessary to create milestones beyond the CMMI generic description for each practice to identify the expected evidence for the capability level in each activity. This is especially important for creating road maps for remediation and measuring the results along the way.

The building process schema consist of five steps as illustrated in figure 3.

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All information should be integrated into a tool that allows an assessment of the organization and creates the proper reporting in a language that top-level management can understand and sponsor.

Once all the information is integrated into the tool, the evaluation scorecard should look similar to Figure 4.
Conclusion

Maturity models are becoming the common language used by organizations to understand the current state of their COBIT implementations. They also serve as guides to create gap analysis and road maps for improvement. Every organization is different, so different roads can achieve the desired result for different organizations, verticals, industries or regions.

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Endnotes


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