

# Mission Analysis (glossary)

From SEBoK  
mission analysis

*Examination and definition of the primary and secondary purposes of a system.* -  
modified from (Blanchard and Fabryky 2011)

## Sources

Modified from:

Blanchard, B. S., and W. J. Fabrycky. 2011. *Systems Engineering and Analysis*, 5th ed. Prentice-Hall International series in Industrial and Systems Engineering. Englewood Cliffs, NJ, USA: Prentice-Hall.

## Discussion

Though Blanchard and Fabrycky (2011) do not define "mission analysis", their discussion of "mission definition" is relevant to mission analysis. Effectively, mission analysis is a set of activities designed to help answer the questions (Blanchard and Fabryky 2011):

- What is the system to accomplish? and
- How will the system accomplish its objectives?

The purpose of MA is to understand a problem or opportunity, analyze the solution space, and initiate the life cycle of a potential solution that could answer the problem or take advantage of an opportunity.

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