



Knowledge Area 8 – Project Risk Management

PMBOK V4: Chapter 11

Project Risk Management

Project Risk Management includes the processes of conducting risk management planning, identification, analysis, response planning, and monitoring and control on a project. The objectives of Project Risk Management are to increase the probability and impact of positive events, and decrease the probability and impact of negative events in the project.

Project Risk Management consists of the following 6 processes:

Plan Risk Management

The process of defining how to conduct risk management activities for a project.

Identify Risks

The process of determining which risks may affect the project and documenting their characteristics.

Perform Qualitative Risk Analysis

The process of prioritizing tasks for further analysis or action by assessing and combining their probability of occurrence and impact.

Perform Quantitative Risk Analysis

The process of numerically analyzing the effect of identified risks on overall project objectives.

Plan Risk Responses

The process of developing options and actions to enhance opportunities and to reduce threats to project activities.

Monitor and Control Risks

The process of implementing risk response plans, tracking identified risks, monitoring residual risks, identifying new risks, and evaluating risk process effectiveness throughout the project.

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