

Recommendations regarding Systems - Applications - Modules organization

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Recommendations

Systems, Applications, and Modules organization management requires preparation through investigation of existing organization or simulation of aggregation results.

It also requires frequent recovery points of Analysis Service to allow re-composition.

Recommendations are:

- Names of aggregated contexts of the Systems, Applications, and Modules organization do not impact the results but they can improve readability and understanding of information restitution
- Carefully think about the structure of the Systems, Applications, and Modules organization, as
 - its re-organization will require a new resource-consuming sequence of computations
- To be able to rebuild using an updated Systems, Applications, and Modules organization structure or to be able to build a new Dashboard Service using a different Systems, Applications, and Modules organization, perform Analysis Service backups after each notable update
- To avoid frequent rebuilds, you can use the following tips:
 - Do not map Applications to Technologies as this aggregation is built-in
 - Do not map Applications and Systems to the development organization as this aggregation capability is built-in (however, this is outside of the scope of the current document)
 - Map Applications and Systems to similar concepts that may exist in the implemented Helpdesk / PPM / ... solutions as it will bridge the gap between the software solutions and simplify communication and cross-examination of source code quality with quality in use - "Quality in use" is the quality perceived by the end-users, be it objective or not. -, or of source code quality and quantity with costs... E.g.: map Systems to Programs and Applications to included Projects.
 - Otherwise, due to existing aggregation mechanisms in the Applications, and Modules organization (simple average), group Modules into Applications so as to build balanced groups: balanced regarding their functional domain as well as their mission-critical dimension vis-à-vis business activity (to help create balanced groupings, simulate the quality aggregation before running any snapshot)
- Take great care about the [Focus on Module content](#) chapter as it will help build balanced and meaningful Applications