

| Life-Cycle Stage | Architecture-Based Activity |
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| Business needs and constraints | <ul style="list-style-type: none"> Create a documented set of business goals: issues/environment, opportunities, rationale, and constraints using a business presentation template. |
| Requirements | <ul style="list-style-type: none"> Elicit and document six-part quality attribute scenarios using general scenarios, utility trees, and scenario brainstorming. |
| Architecture design | <ul style="list-style-type: none"> Design the architecture using ADD. Document the architecture using multiple views. Analyze the architecture using some combination of the ATAM, ARID, or CBAM. |
| Detailed design | <ul style="list-style-type: none"> Validate the usability of high-risk parts of the detailed design using an ARID review. |
| Implementation | |
| Testing | |
| Deployment | |
| Maintenance | <ul style="list-style-type: none"> Update the documented set of business goals using a business presentation template. Collect use case, growth, and exploratory scenarios using general scenarios, utility trees, and scenario brainstorming. Design the new architectural strategies using ADD. Augment the collected scenarios with a range of response and associated utility values (creating a utility-response curve); determine the costs, expected benefits, and ROI of all architectural strategies using the CBAM. Make decisions among architectural strategies based on ROI, using the CBAM results. |