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| **No** | **Step** | **Process** | **Description** |
| 1 | Experimentation planning |  | Responsible engineers creating experimentation plans to address each issue deposition established in stage 5. The experimentation plans are short  descriptions of how the issues will be resolved. The experimentation plans are reviewed by the managing engineer, who uses them to create the stage schedule. The chief scientist and chief architect review the experimentation plans for technical merit. |
| 2 | Experimentation | The responsible engineers will conduct the experiments according to the experimentation plans. As experiments are conducted, experimentation data is collected and recorded by the responsible engineers. The responsible engineers will also update the experimentation plans with actual performance data and experimentation results as the information is available. |
| 3 | Experimentation review meetings | This meeting is conducted by the architecture design team to share and review the results of the experiments and provide an opportunity to allow team members to provide comment on the various experiments |
| 4 | Update the master design plan | The master design plan is initially updated at the beginning of stage 6 with the estimates of the time and resources required to conduct experiments based on the experimentation plans. At the conclusion of stage 6, the master design plan is updated with the actual time and resources expended on experimentation. |