**Summary of AWS Cost Optimization and Redis Cost Reduction**

| **Month** | **Redis Node Type** | **Expense Reduction (USD)** | **Baseline Cost (July)** |
| --- | --- | --- | --- |
| May to June | cache.mS.large | $4,770 | N/A |
| June to July | cache.mS.large | $1,697 | N/A |
| August | cache.t3.micro | $7,095 (40% reduction) | July Expense |
| September | cache.t3.micro | $10,946 (104% reduction) | July Expense |

**Key Bullet Points:**

* Successfully completed System Integration Testing (SIT) in July 2023.
* Redis Node Type for the test environment transitioned from cache.mS.large to cache.t3.micro.
* Rigorous feature, regression, and performance testing conducted with 70+ concurrent users.
* ELASTIC Cache hosting expenses reduced by $4,770 from May to June and $1,697 from June to July when using cache.mS.large.
* Adoption of cache.t3.micro resulted in a significant cost reduction, with $7,095 (40%) in August and $10,946 (104%) in September, compared to the July baseline expenses.

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