Agilisium's Amazon Aurora Optimization Consulting services
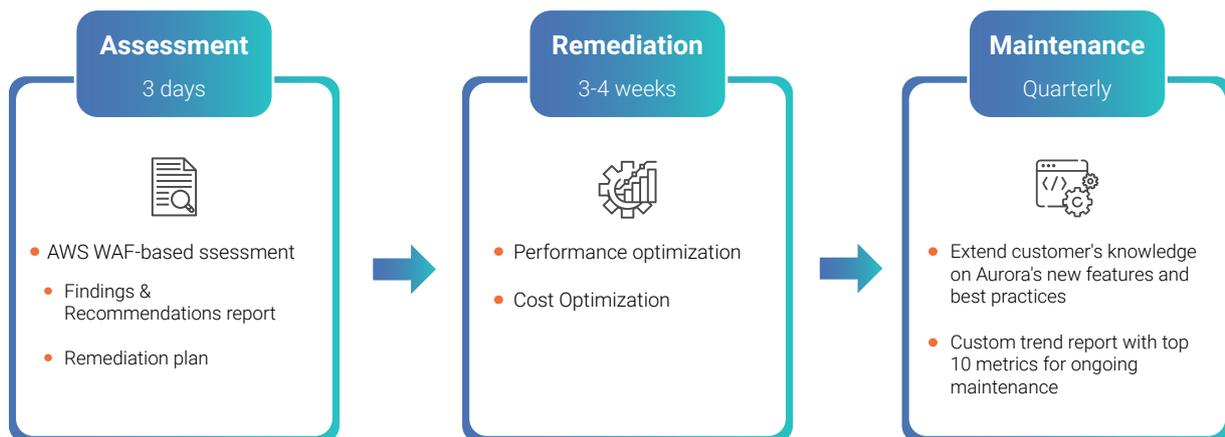
Realize & maintain your Amazon Aurora's full potential with our holistic, phased approach and get your Amazon Aurora workload optimized!

For today's organizations, scaling Amazon Aurora clusters to meet increasing compute and complex business needs; while ensuring optimal cost, performance and security standards is a daunting task. With Agilisium's Aurora Optimization Program, organizations can now take a holistic look at their Aurora workloads to identify challenges and address them thoroughly and rapidly through a phased approach, extracting more value from Amazon Aurora database in the process.

That's not all, maintaining the balance between cost, agility and performance is built into the program allowing organizations to reap continual benefits.

Our Optimization Approach

Our 3-phase approach starts with identifying how well Amazon Aurora workload is aligned to 5 pillars of the AWS Well-Architected Framework (WAF), followed by optimization of top challenges identified. We then conduct a periodic health check to maintain optimal cost, performance, security standards.

Assessment 3 days	Remediation 3-4 weeks	Maintenance Quarterly
• AWS WAF-based ssessment • Findings & Recommendations report • Remediation plan	• Performance optimization • Cost Optimization	• Extend customer's knowledge on Aurora's new features and best practices • Custom trend report with top 10 metrics for ongoing maintenance

Amazon Aurora Performance & Cost Optimization Consulting packages

Get a fact-based assessment of how your Aurora workload stacks up against the 5 pillars of AWS Well-Architected Framework (WAF). Followed by an actionable remediation plan, with compelling pricing, that enables you to extract maximum value from your Aurora workload

Let's set up the database foundation for future challenges and possibilities.

What's in it for you?

- Fact-based assessment of your Aurora workload

- security & risk mitigation Action plan to arrest cost leakage and improved performance

- Roadmap to superior and continuous performance

- Mechanism/Automation for continuous cost monitoring/optimization shared with customer

Outcomes

- Findings and Recommendations report

- Prioritized list of remediations based on risk and effort involved

- Action plan with outcome-based pricing to assist with remediations

- 20-35% reduced costs and improved performance

Packages

Assessment - 3 days

Key Activities

Prepare – Day 0

- Client DBA runs diagnostic queries (shared by Agilisium) against identified Aurora cluster

- Key client stakeholder's complete assessment questionnaire (shared by Agilisium). Questions cover key facets uniquely applicable to Aurora, spread across 5 pillars of AWS WAF

Discuss – Day 1

- Half-day workshop with key stakeholders to understand IT context of the workload (use case, design considerations, best practices etc.)

Review – Day 2

- Additional investigation, as required, followed by review of all info collected and reports generation

Report – Day 3

- Findings & Recommendations report (Well-Architected, Improvement required, Critical Issue)

- Remediation plan, with compelling pricing options, based on prioritized list of remediations

Assessment + Remediation – 3-4 weeks

Key Activities

Assessment – 3 days

- Activities covered in Assessment packages

Prepare – 1 week

- Replicate PROD Aurora cluster in DEV region
- Setup remote access for Agilisium Experts
- Dedicated Read Only Cluster
- Parameter Groups setup of Aurora Cluster

Optimization – 2-3 weeks

- Implement optimization plan on DEV
- Validate for data accuracy
- Extend client knowledge on best practices
- Go-forward planning
- Increasing or Decreasing Cluster size
- Clean up Historical Data , if needed to be stored in S3

Customer Prerequisites

- ✓ Identification of business-critical Aurora workload

- ✓ Availability of Business & Tech SMEs tied to Aurora workload for discussions

- ✓ Availability of Client DBA to run Aurora diagnostic queries

- ✓ Read-only access to your Aurora cluster for additional investigation if any