



SQL
DBA

Analyze. Optimize.
Monetize.

Driving Performance



Performance Assessment and Tuning Clinic for SQL Server

Trapped by performance issues yet again? Reducing critical application downtime and the related business risks should not require fortune-telling.

Get prepared to pinpoint bottlenecks, forecast resource trends and safeguard performance stability.

Adopt a data-driven approach with developers or vendors, improving communication and thereby accelerate shared success in application optimization.

ANALYSE

- Get insight into system health
- Discover the root cause to problems
- Identify resource capacity trends

OPTIMIZE

- Configure for performance
- Establish regular reporting checkpoints
- Improved team skills and processes

MONETIZE

- Reduced support costs and time
- Improved application up-time
- Boosted application tuning progress

Performance troubleshooting cases always seem to arise at the wrong time, when one can be most pressurised with supporting the daily data infrastructure tasks at hand. This performance assessment and tuning clinic revolves around your business being better prepared for the next incident and adopting practices to ensure regular health checkpoints that are manageable for your operations crew.

During the clinic, the process involves taking a chosen environment and assessing this against industry best practices for each operating layer of the SQL Server database service. Unlike other generic health assessment offerings, this clinic provides pinpoint focus on performance dynamics and resource optimization.

Business Value

You require the skills and practice to ensure that your business applications are optimized for performance and scalability. This clinic supports that the appropriate tools are prepared for simple analysis and regular health checkpoints. This is done to ensure that the data infrastructure gets and maintains a super-charged profile. Complemented by our **techtrac** service, you and your operations crew will have continued support and regular checkpoints after the clinic, to engage in and promote the metrics of the performance workplan.

Proactive Practices

Your business requires a proactive service-driven culture and your operations crew want to launch new initiatives, however you want the practices to be sustainable and manageable. This clinic focuses on the approach to identify, reduce and report on the root causes of performance problems. Preventative operational practices will also be in focus and a good routine will support the foundation of the planned performance workplan metrics.

Focus and Benefits

This clinic provides you with the skills and routines to assess and measure SQL Server and database operating health and especially:

- Identify the symptoms and causes of poor performance
- Take advantage of performance baseline monitoring
- Understand how to tune query performance
- Enable proactive checkpoints through a service performance workplan

Deliverables Include

- Executive Summary Report
- Performance Incident Report
- Service Performance Workplan
- Performance Flashcards
- **techtrac** for 4 months

Technical Skills Support

After participating in this performance assessment and tuning clinic you will be able to:

- Identify the symptoms and causes of poor performance.
- Learn to use the correct tools for specific symptoms.
- Identify the architecture and configuration and understand its impact on performance.
- Examine common resource bottlenecks.
- Understand how to create an appropriate baseline.
- Identify resource intensive queries and understand how to tune them.
- Assess data, index and storage structure.
- Learn to analyse performance data efficiently.
- Implement a routine to report on key performance indicators.

Onsite SQL Server Performance Expert

Comes to your workplace to introduce the Service Performance Workplan, then working together with the expert you:

- Run assessment scripts and checks
- Capture performance data
- Analyze it & Troubleshoot related issues

All this in your own environment.

Target Audience

This clinic is aimed at database administrators and developers who are responsible for stress testing, tuning and maintaining the SQL Server databases.

Typical Onsite Time

2 days side-by-side or together with operations team. Subject to requirements.

techtrac supporting Practice as a Service

techtrac* is a unique offering provided based on our experience of seeing health assessment reports and other exercises just not being utilised, thereby providing no return on investment. We aim to ensure that proactive steps are taken towards your service performance workplan, regardless of the skillset or workload, realising the value from the improvements and routines.

techtrac Offering	AUDIENCE - Capability		
	NOVICE – Beginning	SKILLED – Operating	EXPERT - Optimizing
Performance Monitoring	●	●	●
Performance Gap Analysis	●	●	●
Performance Checkpoint	●	●	●
Performance Workplan Review	N/A	●	●

● We Provide
 ● We Review
 ● You Provide

* included for 4 months

