

Performance Tuning and Configuring ASA

Duration : 3 Days

The Query optimiser, compilation and caching.
The affect of normalisation and de-normalisation.
SHOWPLAN / Update Statistics

Update Statistics When & Why?

Important DBCC Commands

Index Optimisation

Index selection - How the optimiser decides.

Designing Indexes

Clustered versus Non-Clustered - Pros and Cons

When to use Clustered/NonClustered ?

The Fillfactor factor

Index optimiser hints

Locking Optimisation

Transaction isolation levels and locking hints

Deadlocks & Deadlock resolution

Table restructuring & de-normalisation

Efficient Programming in TSQL

Stored procedures

Trigger problems and solutions

Cursors and Temporary tables

Best ways to do Efficient Client Programming

Efficient use of recordsets and connections.

Timeout management and giving the user the perception of better performance

Abstract Query plans