

NCS Oracle Systems Audit – ‘Health Check’

As an Oracle Certified Advantage Partner, NCS are recognised as having highly qualified and experienced technical staff. All our consultants are Oracle Certified Professionals; some are also Sun Certified for Java and Linux Certified. All have strong practical experience in maximising the performance of Client infrastructure.

The Oracle Systems Audit is an effective way of NCS introducing our professional capabilities to a Client and immediately demonstrating value-add for the Client’s business. The Audit diagnostic process healthchecks the Client system and we are confident that, in almost every situation, we can deliver potential performance enhancements and efficiency improvements.

Detailed Diagnostic List

The following items will be audited within the Oracle Database we healthcheck. We will drive out statistical information reflecting the state of the database and the queries typically being made against it:

Instance Analysis

I/O Activity, Current Data Block Buffer usage, Data Dictionary Cache Statistics, Shared SQL Pool Area statistics (excluding Data Dictionary), Log Buffer Statistics

Exception reporting

Tables without indexes, Index Usage - Non Selective Indexes, Tables without primary keys, Indexes in same tablespace as their associated tables

Management Statistics

Tablespace fragmentation statistics, Segment fragmentation statistics, Free space fragmentation statistics, Overall Data Dictionary Overhead, Calls To The Data Dictionary, Tablespace & Datafile I/O statistics, Tablespace Utilisation, I/O Throughput, I/O Bottleneck resolution statistics, Disk Read/Write Rate, Sort status statistics and sort area size utilisation, Rollback Segment statistics, Initialisation parameter settings

Application

Monitoring of the Shared SQL Pool under test production environment to establish the worst 20% offensive SQL statements made against the database and analysis of the causes.



Report

We will write and submit a full report based upon the findings under each of the above headings. As part of the Report we will also submit a list of recommended actions to improve the performance of the Client's technology infrastructure. The Report provides a vehicle for NCS and the Client to dialogue about the findings of the Health Check and, at the Client's discretion, to discuss how best to implement the recommendations and drive out the benefits

Duration

The NCS Oracle Systems Audit splits into two parts. The diagnostic phase (Health Check) requires a consultant on-site at the Client premises for 1 day. The analysis, recommendation and reporting phase requires a further half day. The Report will be available 1½ days after diagnosis commences.

Cost

The NCS Oracle Systems Audit costs £1,900 + VAT. If the Audit output leads to significant Consultancy work with the Client for NCS, then NCS Consultancy rates will be discounted by 10% for this specific work.

Travel expenses and, where agreed necessary, accommodation outside London, will be invoiced additionally to the Client at cost.

NCS Oracle Systems Audit – Contact Details

Interested? Would you like to find out more about the NCS Oracle Systems Audit or discuss it with a specialist? Please contact Nicola Briant via:

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