

# Database Health Check

## Health Check Goals

- Versions & Patch levels
- Configuration
- Performance & Stability
- Housekeeping, including backup and recovery
- Error analysis
- Kernel configuration
- Storage layout & throughput
- Platform suitability
- Database internals

## Overview

The Actian Services Health Check provides a complete evaluation of your Actian database products Actian X and Vector management, reliability and performance.

## Purpose

A well-maintained database improves stability, performance, and business agility.

The Health Check delivers recommendations that are focused on your Service Level needs and which are based on many years of field-based experience. These recommendations will address immediate issues and also ensure that best practice management and maintenance procedures will be put in place to ensure long term stability and performance.

## Value

Down time and poor performance cost money. The exact value is hard to measure in many cases but can be thought of in the following terms:

- Loss of business
- Damaged reputation
- Low staff productivity and overtime costs
- Low customer satisfaction
- SLA penalties

By implementing the recommendations arising from a Health Check, you will significantly reduce the likelihood of these types of financial loss. What's more, a well-tuned and managed system running on the latest versions of the software can free-up server resources for re-deployment within your organization, thus reducing costs in terms hardware and support effort

Overall	●		
Version A Patch Level	●	Errors	●
Disk Space	●	Configuration	●
Housekeeping	●	Database	●
Server Performance	●		

## About a Health Check

The Health Check is conducted on site and the report is typically delivered within 48 hours. Pricing is based on the number of installations and databases that are included in the Health Check.

Typically, only a selection of the most important installations and databases in larger implementations need to be covered.

A typical Health Check of one installation and two databases requires two to three days on-site with an additional day or preparation and a final day to complete the report