

ORACLE SECURITY HEALTHCHECK AND AUDIT

Oracle Expert Services

AT A GLANCE

- Comprehensive security analysis and report
- Security assessment conducted by Oracle Experts
- Proven service using Oracle best practices

OTHER SERVICES

You may also be interested in the following Oracle Expert Services:

- Oracle Database Vault Quickstart Service
- Oracle Identity Management and Provisioning Scope and Assessment
- Oracle Backup and Recovery
- Oracle Enterprise Manager Quickstart

Are you are using an Oracle Database, and have high security requirements (IT Baseline Protection and/or higher), but are not sure whether existing measures meet your requirements? Do you lack the resources to be able to conduct a thorough security assessment? If yes, then our Oracle Security Healthcheck and Audit is for you. Our experts can analyze your existing Oracle Database and adjust the parameters to achieve the levels of security that match your organization's requirements. Our security healthcheck draws upon all of the current recommended best practices, and supports the optimal secure use of your Oracle Database.

Overview

The Oracle Database offers many configuration options. Security options can be chosen alongside other options for speed and space utilization, and data can also be comprehensively protected through the definition of roles and the use of Virtual Private Database (VPD) functionality. Not only can the data in the Oracle Database be secured using the relevant measures, but that data can also be protected during any transfers - especially if it is subject to privacy legislation.

If your configuration options are currently incorrectly set or unselected, a variety of unwelcome incidents could occur, including:

- **Loss of privacy:** unauthorized access to sensitive data caused by an incorrectly set SELECT authorization.
- **Loss of integrity:** unauthorized data modification caused by an incorrectly set UPDATE authorization.
- **Loss of availability:** unauthorized deletion of data and/or data objects caused by an incorrectly set DELETE authorization.

Scope of Offering

The Oracle Security Healthcheck and Audit is conducted in two phases:

A **Review Phase** comprising of a meeting with the systems administrator, the DBA and the security representative, followed by the security analysis. The analysis is conducted according to a defined checklist, which includes the following elements:

- Oracle Database Release 7.3.4 – 11.X
- Operating system (applying to the Oracle components under review)

ORACLE CONSULTING DIFFERENTIATORS

- Oracle Expertise in delivering best practices using standardized methodology, process, tools, and resources
- Breadth of Services for Your Needs to integrate functional, technical, and change management services necessary for optimal user adoption
- Aligned with Your Goals with a cost-effective and comprehensive upgrade solution resulting in project success

- Additional Oracle software
- Oracle SQL*Net configuration
- Database passwords
- Auditing
- Roles and role allocations
- System and object privileges
- Views, stored procedures etc.
- Test of a typical client computer

A **Report Phase**, which comprises the analysis of the information collected during the review, and the production of a report with a detailed inventory of all the weak spots found during the analysis, together with recommendations for correcting them.

Requirements

The Oracle Security Healthcheck and Audit offer applies to up to two Oracle Databases running on Sun Solaris, AIX, HP-UX, MS-Windows or Linux platforms. The operating system testing is only designed to assure the secure installation and operation of the Oracle components under review. If your systems are very complex, you may discuss any additional requirements with us. This service can be tailored to meet your specific requirements. This service does not include the cost of any software licenses that may be required.

Major Deliverables

Security Audit Report, describing security vulnerabilities and an action plan for their resolution.

Getting Started

Leverage Oracle's methods, tools and extensive experience with customer implementations across diverse industries and geographies. Tight integration across Consulting, Development, Support, Education and Global Delivery puts the entire Oracle team behind your success.

For more information on Oracle Expert Services, please contact your local Oracle office or visit www.oracle.com/goto/experts.

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