Information Management Software Services
Security HealthCheck for DB2 for z/OS

Highlights

- *Leverage the industry's premier database experts to take your business to the next level in the shortest possible time frame*

- *Examine and improve your database configurations for better overall health of your data warehouse*

- *Gain DB2 for z/OS skills quickly and efficiently with expert advice and knowledge transfer directly from our consultants*

Today's leading organizations require more from their database environments to accommodate growth and capitalize on new market opportunities. Since the overall health and security of these database systems are critical, thousands of customers leverage IBM Information Management Software Services to ensure their database environment is running efficiently and securely in the shortest possible time frame.

What is an IBM Security HealthCheck?
An IBM Security HealthCheck Service is designed to assess and improve the security strengths and vulnerabilities of your database as well as target all parts of your data warehouse for better overall health. You can rely on our consultants to help your organization secure your DB2 for z/OS environment

and make even greater performance gains while avoiding future costly security issues.

The latest release of IBM DB2 for z/OS provides the ultimate performance, scalability, reliability, availability, and security all in a cost-effective platform that is open and flexible and supports key industry standards. Additionally, improved integration with key development platforms can help application developers increase productivity.

What's Involved
When engaging our consultants, you can be confident you are working with the industry's leading database experts. The HealthCheck is more than just a system review. It is tailored to meet the identified needs of the business and is also an ideal opportunity to mentor your staff on the latest DB2 for z/OS security practices.

Learn how to secure your database environment quickly and efficiently with expert advice and knowledge transfer directly from our consultants on the administration and operational procedures required to support the DB2 for z/OS in your environment.

The primary activities undertaken in the Security HealthCheck offering are:

- **DB2 Security Configuration Review**
  - *Validate all users and their level of access*
  - *Examine all high level administrative privileges*
  - *Evaluate the adequacy configuration policies, guidelines, procedures and general database privileges*
  - *Determine which authorization identifiers (authids) have access to DB2 tables (and views and aliases) and their level of access*
  - *Determine what authorization identifiers have access to DB2 utilities (ISV and IBM)*
  - *Evaluate the DB2 active and archive logs as a security exposure and as an aid to security analysis*
  - *Examine privileges granted to databases, tables, views and columns*
  - *Evaluate how system resources and system privileges are granted*
  - *Ensure that all exit load module (security exits, edit procedures, valid procedures and field procedures) implementation and modifications are adequately secured*
  - *Identify the types of attachment access in use (TSO, CICS, CAF, RSSAF) and what authorization identifiers can access them*
  - *Assess the authorization identifiers with the privileges to execute and bind (rebind) DB2 plans and packages*
  - *Identify all authorization identifiers granted a privilege with the grant option*
  - *Examine the authorities to execute and bind (rebind) IBM DB2 plans and packages*

  - *Validate the authorities to promote DB2 objects from test through other processes to production and controls surrounding those promotions*
  - *Evaluate installation standards of DB2*
  - *Review all DB2 system parameters (DSNZPARM) entries that could have an effect on IBM DB2 security*
  - *Review the implementation of DB2 Multi-Level Security*

For more information:

To learn more about IBM Software Services and this service offering, please contact your local IBM sales representative or send an e-mail to dmskills@us.ibm.com.

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