The Oracle Database Security Risk Assessment Service (DBSRA) is a practical exercise focused on detecting areas of potential database security vulnerabilities and identifying strategies to mitigate those vulnerabilities. The assessment focuses on the database but also examines surrounding system components including storage, network, and applications. The assessment provides a view into some of customer’s data processes and policies with the goal of promoting recommended approaches to mitigate potential security risks.

**Offering Overview**

Security Database Risk Assessment Service is designed to help customers identify, assess security risk and look at mitigation strategies. This unique and in-depth holistic assessment can be conducted on any number of production or non-production Oracle databases. The service will:

- **Identify Vulnerabilities.** Identify deviations from standard best practices in customer’s current deployment to point out areas where current practices, configuration and technology implementation leave data at risk of potential breach
- **Categorize Risks.** Report will classify and categorize identified risks into severity categories. Report will highlight common best practices used as a reference. Findings will reported using an intuitive dashboard approach
- **Mitigation Strategies.** Report will include recommended strategies to remediate and mitigate as appropriate for your business practices. Mitigation approaches will be classified into areas such as configuration, process and technology that will help you identify low-cost/low-effort activities easily.

**Offering Details**

DBSRA is a multi-stage process with a dedicated Oracle Database Security expert supporting your organization. The risk assessment usually takes up to two weeks and can be performed on-site or offsite using a web conference and customer’s assistance to execute security assessment scripts.

Key activities during this engagement include:

- Collection and analysis of information on database configurations
- Interviews with application owners and administrators to assess database access mechanisms, applications using the target database, information flows, customer’s security policies, standard, procedures, compliance requirements, use of database security products and security and compliance strategy
- Collaborative analysis to develop mitigation strategies and practices covering
configuration changes, process modifications and technology adoption

- Assessment scripts including checks for Initialization parameters, OS Security, password security, role and privilege assignments, encryption and access control, network configuration, auditing and database links, storage security, database listener security, patch compliance, vulnerability assessment and adherence to best practices. Additional checks are included to reflect a specific application’s use of the database.

**Related Services**

Following services are complementary to DBSRA and enhance customer’s security posture:

- Enhanced Security Services
- Managed Database Security Services
- Managed Identity Services

**Oracle Managed Cloud Services**

Oracle Managed Cloud Services (OMCS) is a key pillar of Oracle’s strategy for Cloud. OMCS builds and manages private clouds for customers who want to leverage the existing investments in Oracle applications such as E-Business Suite, PeopleSoft. OMCS is the On Ramp to public cloud for Oracle customers.

- **Expertise.** With over fourteen years of experience securely managing customer environments in Oracle datacenters, partner datacenters and at customer’s premises, Oracle has developed a strong expertise in helping customers implement Oracle security products.

- **Layered In-depth Security.** Security is ingrained in all activities at OMCS. Starting with certified configurations that define the specific configurations for the entire technology stack to the multiple layers of security including SIEM, encryption, auditing, sensitive data obfuscation and data loss prevention solutions.

- **Breadth and Depth of Service Portfolio.** OMCS has a very broad portfolio of services. Services are designed to help customers meet industry compliance requirements and minimize security risks, enable use of cloud services and integrate with external service providers. Service portfolio includes Enhanced Security Services, managed database security services available both at an Oracle datacenter and on Customer’s premises, and managed identity services.

**Contact Us**

For more information about Oracle Managed Security Services, visit oracle.com or call +1.800.ORACLE1 to speak to an Oracle representative.