

Real Application Cluster (RAC) Installation

Benefit

- Rapid implementation by Oracle RAC experts
- High availability of your production environment
- Validation of your current RAC environment



Oracle's Real Application Cluster (RAC) solutions seem daunting, but SmartDog's RAC Installation Service is custom designed to assist in the installation and provide guidance and extra support without adding to your head count.

Overview

SmartDog's implementation of RAC is designed to help avoid pitfalls in setting up an environment and to limit the time necessary to become operational. The SmartDog RAC Implementation offers the following benefits: provide high availability by creating a multi-node environment; load-balancing by either user-balancing or user assignment across various nodes; and lower cost expansion by adding new server hardware without sacrificing current investments.

An Oracle RAC environment consists of two or more server nodes sharing a set of disks. The servers are connected to a high speed network to share data between the nodes. Applications and users transparently and seamlessly connect to the database environment and, as the number of users increases or the application's load grows, another node may be added to the cluster. The method of adding server nodes as performance is needed helps lower the overall cost of a large environment. An additional consideration deals with parallel queries. Processes by which a parallel process can be spread across the multiple nodes allow complete usage of hardware purchased for the environment.

Scope

The SmartDog RAC Implementation offering is designed to assist in an effective deployment of Oracle's RAC environment.

This service will ensure your company will be running applications in a clustered environment in a timely manner. The SmartDog team will work with your application developers, database administrators, and system administrators to ensure your applications are properly deployed and utilizing all the benefits RAC has to offer. In addition, the SmartDog team will mentor your current personnel so they fully understand how to administer, monitor, and maintain the RAC environment.

Requirements

The SmartDog RAC Implementation is designed for Oracle Database environments 10g and higher. If you have other versions, please let us know so we can custom tailor an implementation to suit your needs.

Included in the Implementation package:

- Oracle database and clusterware software
- Applicable licenses
- Supported servers, disks, and operating systems
- Verification of existing environment

To get started, please contact your SmartDog representative or visit www.smartdogservices.com.