

## **Rajeev Kumar Ramdas Thottathil**

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<http://dbastreet.com/blog>

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### **Information Technology Professional**

Expertise In : Oracle Database Administration \* Oracle Apps DBA \* Database Architecture

Highly experienced, well accomplished, oracle database administrator with a successful 16 year track record of successfully architecting and implementing oracle databases, oracle data warehouses and oracle e-business suite installations. Proven ability to architect, implement, performance tune and upgrade very large , highly available, scalable oracle databases. Specialty is in implementing Oracle E-business suite in conjunction with Oracle Real Application Clusters, database option. Excellent product demonstration and presentation skills. Areas of Expertise include

Oracle Database Administration

Oracle E-business suite Administration

Oracle Real Application Clusters Administration

Oracle Dataguard Configuration

Oracle Database Architecture

Software Development

Oracle Performance Tuning

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### **Professional Experience**

ORACLE CORPORATION, *Nashua, NH ~ 12/2005 – Present*

#### ***Senior Solution Specialist***

Assisted 50 + Oracle customers understand and implement oracle database and oracle enterprise manager solutions, by presenting, installing and demonstrating the technical details of Oracle Database, Oracle Real Application Clusters and Oracle Enterprise Manager.

Installed oracle Real Application clusters on various platforms for the following oracle customers. Biogen (Linux IA64), Idexx Labs (Linux x86-64), Health Dialog (Linux X86-64), Citizens Bank (AIX), RiskMetrics (Linux X86-64), Potpurri (Win2k3), Boston Scientific (Solaris), EatonVance (Solaris, Linux X86-64), WrightExpress (Linux X86-64), NGM insurance (Linux X86-64), ITA software (Linux X86-64), Pioneer investments (Linux X86-64), Chartone (Solaris), Delphi Systems (Win2k3), FM Global (HP-UX), C&S Wholesale (AIX), Akamai (Solaris), Equifax-Benow (Suse Linux X86-64).

Installed Oracle Enterprise Manager Grid control and various plugins for the following oracle customers. Phase Forward, L3ID, Citizens Bank, IronMountain, Health Dialog, C&S wholesale, Carestream.

Performed Dataguard and Streams configurations for the following customers. Fairpoint Communications, ACI Worldwide, Citizens Bank, Chartone Communications.

Created a step by step cookbook, that has detailed steps to assist customers to convert from Oracle E-

business suite R12 using single instance oracle database to Oracle E-business suite R12 using Oracle Real Application Clusters.

Conducted 25+ Oracle Real Application clusters workshops, 20+ Oracle Enterprise manager grid control workshops, 10+ Dataguard workshops and 1 Oracle Security workshop to train customers on how to install and manage these oracle database options and toolsets.

ORACLE CORPORATION, *Nashua, NH ~ 02/1999 – 12/2005*  
***Principal Consultant , Senior Principal Consultant, Technical Manager***

### **Oracle Applications DBA Engagements**

- Migrated oracle e-business suite 11.5.9 on HP-UX using oracle 9i database single instance, to 11.5.9 on Redhat Linux using a 3 node oracle 10gR1 database using real application clusters at BAE systems.
- Created and delivered a training course, for implementing oracle e-business suite 11.5.9 with Oracle Real Application clusters 9i. This course was used to train over 100 consultants in oracle consulting.
- Performance tuning of Oracle E-business suite 11i (11.5.9) at Monster.com, in conjunction with their enabling Oracle Time And Labour, to be used enterprise wide. This included database tuning and the setting up of Multiple JVM's on the application server to effectively handle the load.
- Patched the 11.5.9 E-business suite to the recommended patch levels for ASCP. Installed and configured Express Server 6.3.4 and the required demand planning patches, to enable Demand Planning in the same environment.
- Performed UTF8 conversion of an 8.1.7.4, Database Used with Oracle Sales Analyzer at Smiths Medical. The database character set scanner was run, prior to the conversion and the reported incompatibilities were fixed before running the conversion.
- Installed a 4 node 11.5.9 E-business suite environment (2 node database in a RAC configuration running 9.2.0.5), on Redhat Linux AS 2.1 at Welchs. Completed patching of the 11.5.9 Production E-business suite installation. Configured the java based workflow mailer.
- Performed the final upgrade iteration for the 11.0.3 to 11i (11.5.8) upgrade at Staples Inc. The steps performed included the database upgrade, the applications upgrade and patching. After the upgrade was complete, configured a second application server to be used with this instance (By using rapidclone). Autoconfig was then used to setup hardware load balancing of the application servers.
- Configured Hardware Load balancing (Of the application servers ) for an Oracle E-business suite 11i (11.5.8) instance on HP-UX at Biogen. Also configured applications to be able to failover on the database/admin tier. Cloned the production instance to a development instance using RapidClone.
- Performed Health Check of E-business suite installation on linux at the First Church of Christ.
- Performed Health Check of an E-business suite installation on linux at Concord Communications.
- Analyzed performance issues encountered by Staples, in the user acceptance testing phase, after completing the upgrade from 11.0.3 to 11i. Provided recommendations on steps to improve performance.

- Analyzed the performance issues encountered in the e-business suite 11.5.6 installation at UsFilters, identified the bottlenecks and tuned them, to ensure that it handles the load of 300 concurrent Application users. The tuning exercise included, sql tuning, concurrent manager tuning and instance tuning.
- Cloned 11.5.8 UAT to DEV and TEST using rapidclone (HP TRU64 unix), Resolved performance issues , Configured workflow notification mailer and applied patches At Green Mountain Power.
- Analyzed performance issues encountered by IronMountain in their production instance after their upgrade to 11.5.7. Initialization parameters to be changed and patches to be applied were suggested and applied to the instance to resolve the performance issues.
- Configured Oracle E-business suite 11i (11.5.7) at Shaws supermarkets to ensure that they could import and post 4 million journal entries in 4 hours. This was also one of the biggest Oracle GL implementations with 50 million code combinations and a history of 15 open periods stored in the system. The configuration changes included adjusting the storage parameters on tables and indexes , partitioning the key tables and indexes and parallelizing the import and posting processes. Also assisted in configuring the data transfer from legacy to E-business suite using 9iAS integration. The platform was windows 2000 datacenter server. Also performed a cloning of the DEV instance to the TEST instance on windows 2000 using autoconfig.
- Successfully completed 4 test iterations and the production upgrade of oracle e-business suite from 11.0 to 11.5.7 at genpack.
- Successfully completed 4 test iterations and the production upgrade of oracle e-business suite from 11.0 to 11.5.7 at IronMountain.

### **Oracle DBA Engagements**

- Performance tuned the database instance used by HMCO (Houghton Mifflin Company), for their datawarehouse. Also performance tuned the feeds (Process flows) to the datawarehouse generated using Oracle Warehouse Builder. This involved tuning the queries generated by oracle warehouse builder to do the feeds.
- Configured 10g Rman based backup and recovery (With recovery catalog) for 4 databases used by Analog Devices . These databases were on microsoft windows and Red Hat Advanced Server 3.0 Platforms. We also performed a recovery test, to ensure that the backup methodology was sound.
- Installed 4 Oracle Real Application Clusters 9i (9.2.0.5) Databases (Three 2 node installations and One, 3 node installation), on IBM-AIX and Veritas Storage Foundation 4.0 at Citizens Bank.
- Installed 2 Node, Oracle 9i Rac (9.2.0.5), On Dell Servers, Running Redhat Enterprise Linux 3.0 at JEA Electric Systems. OCFS 1.0.13-1 was used for the cluster file system.
- Installed 6 Node, Oracle 10g Rac (10.1.0.3), on HP servers with AMD-64 CPU's, running the Redhat Enterprise Linux 3.0 at Ifilm.com. Netapp Filer was used for the shared file system.
- Installed and configured 2 Node RAC on solaris (64 bit 9.2.0.4), using veritas 5.0 for clustering at Sikorsky Aircraft. RAC enabled an existing database (Used by a third party application named Solumina) in this configuration. Setup a single node Dataguard Database, as a standby database to protect this 2 Node RAC, in maximum performance mode. Configured RMAN to backup to tape using veritas netbackup, from the dataguard server.

- Performance Tuning of an 8.1.7.4 database used as the back end for an Oracle E-business suite 11.5.7 Installation (With lot of customizations) at PTC . Used statspack to identify and resolve the latching related performance bottlenecks.
- Installed a 2 node RAC database (9.2.0.5) on HP Itanium Servers, Running Red Hat Linux AS 3.0 at WebHire.
- Installed Oracle 10g (10.1.0.2.0), 2 node, Real Application Cluster on Solaris (Shared Disk subsystem, Sun Storage 3510) at SunGard. Oracle CRS was used for clustering and ASM for volume management.
- Performed performance data capturing and analysis at OneSource during stress testing of the new application being deployed on a Oracle 9i Rel 2 two node RAC on Redhat AS Linux. Recommendations were provided on the bottleneck's identified to improve overall query performance.
- Installed and configured a two node, 9i Release 2 (9.2.0.4) Real application cluster, at MFS Investment Management, on Redhat Linux AS (IA64) . Assisted with installing and configuring the 2 Node , Real Application Cluster install on IBM –AIX.
- Installed and configured a two node, 9i Release 2 (9.2.0.4) Real application cluster, on Windows 2000, at Charles River Laboratories.
- Upgraded 4 databases from 8i to 9i release 2 (9.2.0.3) on windows 2000 at OneSource. Configured XML db in these databases.
- Configured “Shared Server” (Multi threaded server) for the 8i database used by Fleet Bank as a back end for the “Fleet Homelink” web application.
- Upgraded the 9.2.0.1 database in a RAC configuration to 9.2.0.3 on windows 2000 at mailroom technologies.
- Analyzed database statistics gathered on the 8.1.6 database used by Boston Communication group to capture realtime cell phone call and account information, and made recommendations to improve performance.
- Performance Tuned the 8.1.6 database used by vacationoutlet.com as the backend to their main website.

**DATA CORE SYSTEMS, Philadelphia, PA ~ 12/1996 – 01/1999**  
**Senior Consultant**

- Installed/Administered/Upgraded 12 databases (versions 7.3 and 8.0) on Hp-UX, which was used by carescience.com as their hosted clinical information system.
- Administered 2 databases (version 7) on novell netware at the Georgia Lottery.

**OMAN COMPUTER SERVICES, Muscat, Oman ~ 03/1994 – 12/1996**  
**Senior Systems Engineer**

- Designed/Developed/Installed and Implemented a “Building Registry System” for the Dhofar Municipality. Installed and configured the Oracle Database (version 7.0 on Novell network), Developed the application using Oracle Forms 4.0 and Oracle Reports.

NUCLEUS SOFTWARE WORKSHOP, *Madras, India ~ 10/1992 – 02/1994*

*Trainee, Systems Engineer*

- Developed and supported oracle forms 3, oracle reports and Pro\*C programs for the Automobile loans system (GILS – Generalized installment based Loan System) used by Citibank NA.

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### **Education And Training**

Bachelor of Engineering, Electronics & Communication, Bharathiyar University, India 1988-1992.

Oracle 8i New Features for Administrators (Oracle Education)  
Oracle Parallel Server (Oracle Education)  
Oracle Collaboration Suite Aces Training (Oracle Education)  
Oracle Collaboration Suite Rel 2 Beta Training (Oracle Education)  
Oracle 9iAS Release 2 (9.0.2) Installation Overview (Oracle University)  
Using the Oracle 9i Application Server with Applications Release 11i (Oracle University)  
Oracle 9i Advanced Queuing Overview (Oracle University)  
Oracle 9i Database Release 2 Use Recovery Manager (Oracle University)  
Oracle Real Application Clusters 9i (With Veritas Cluster File system) (Oracle Advanced Technology Services)  
Oracle 10g Real Application Cluster Install (Oracle University)  
Oracle TimesTen In Memory Database (Oracle Product Management)  
Oracle Berkely Db Database (Oracle Product Management)  
Oracle Exadata (Oracle X-Week)