

Vinod Kumar Coimbatore Srihari

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Senior Oracle DBA with 25 years of IT experience in Design, Engineering, Implementation & Maintenance of Oracle RAC 10g/11g/12c/19c Systems. Worked extensively on Dataguard, RMAN Backup/Recovery, ASM Diskgroup Management, Install/Upgrade/Patch 10G/11g/12C/19c Oracle RDBMS, GI, ASM on Unix OS. Experienced in providing Automation Solutions in Perl, Python, K-Shell, PL/SQL.

TECHNICAL PROFICIENCIES

- Python, Perl, K-Shell, PL/SQL, C, C++, Pro*C
- Oracle Database 10g thru 19c, OEM 12c, OID, OVD, Goldengate, Veritas Netbackup, Sablime (SCCS), Forms 3.0, X-Lib, X-Toolkits, Motif, Galaxy, Autosys.
- Pro/Intralink, Pro/Toolkit, SUN Workshop Debugger and Teamware (SCCS), PAC-2000,
- Linux, Sun OS, HP-UX, AIX

Wellsfargo India Solutions , Hyderabad , India (July 2007 –Current)

Working as a “*Senior Oracle DBA*” for Enterprise Database Management, supporting 800+ Enterprise Level Oracle 11g/12c/19c RAC database systems with High Availability and Performance requirements, handling following tasks.

- Install/Upgrade Oracle 11g/12c/19c Grid Infrastructure/ASM/RDBMS, OEM Agent s/w, Goldengate.
- Creation/Administration of ACFS, DBFS Filesystems.
- Dataguard/Physical Standby Implementation & Maintenance.
- Goldengate s/w & Monitoring Agent Installation, Target Additions in OEM for Manager/ Extracts / Replicats.
- Developed Auto Stop/Start & Health Check script for Oracle clusterware and it's resources in Perl & Shell, eliminating Human involvement during OS Patching and Server reboot.
- Automated OEM Blackouts of Targets during Server Maintenance activities using Python.
- Automated ASM Disk group Management using Perl.
- Automated Goldengate Installation and it's HA configuration with Oracle Clusterware using Perl.
- Automated Database Cloning, RMAN Backups, Standby DB Creation in Perl.

Convergys Information Management India , Hyderabad- (Nov 2003 –July 2007)

On Virtusa's Payroll from Nov 2003 – April 2004 with BOT Clause to Convergys

Worked as an Application DBA for supporting Databases for Sprint P2K project, a complete Wireless Billing/Rating/Pricing/Usage/Customer Service Application .

- Performance tuning of application code (PL/SQL, Pro*C/C++, SQL) and Database tuning.
- Automation scripts for online Table Partitioning of huge tables to reduce down time using 'Online Table Redefinition' feature of 9i.
- Advanced Database Replication Setup and Administration using DBMS_REPCAT Package
- Database cloning using RMAN Duplication method.
- 10G Database Installation.
- Writing PL/SQL packages for performing Data Migration from one Release to the next.

GE Capital International Services, Hyderabad, India. (Oct 2002 – Nov 2003)

Worked as Production DBA for GEPS, USA, providing offshore support to about 200 Production and UAT Databases on Oracle 8i and 9i.

- Automation scripts in KSH for hot/cold backups, exports.
- Handling performance issues like tuning SQL, Oracle Memory Structures (SGA), I/O and sizing rollback segments, tablespaces, tables, indexes. Used 8i features like Table/Index Partitioning for huge tables, Bitmap indexes, LOB (Large Objects) etc.
- KSH Scripts for proactive monitoring of the health of the database.
- Designing/Modifying/(Reverse/Forward Engg) ER-Diagrams of schema using ERWin Tool.

Infoweb Systems, IA USA –Contract to AT&T, Middletown, NJ. USA. (June 1999 – July 2002)

Worked as an Application DBA for CSMS 0+ services, that provisions AT&T Calling Cards (ACC), Pre-Paid Cards (APP) in the Consolidated Consumer Database (CCD) and CSMS1+ which supports Network Provisioning of AT&T Long Distance Services, Usage Management, and Prepaid Long Distance Services.

- Oracle s/w and database upgrade from 7.2.3 to 7.3.4 and to Oracle 8i (8.1.5) and Installing Oracle 8i.
- Database re-engineering to redesign the existing physical and logical database layout to conform to the principle of OFA. Shifted from UnixFS to Veritas File Systems (VxFS) and Quick I/O for enhanced i/o Performance on data files.
- Shell scripts for Creating Application and Recovery Catalog Database .
- Shell scripts for Bulk data loads using direct load technique.
- Performance tuning of SQL, SGA, I/O and sizing rollback segments, tablespaces, tables, indexes. Used 8i features like Table/Index Partitioning for huge tables, Bitmap indexes, LOB (Large Objects) etc.
- RMAN scripts for hot backups and scheduling multilevel incremental backups through Veritas Netbackup Version 3.2.

Infoweb Systems, IA USA - Contract to ACE*COMM, Gaithersburg, MD, USA. – (April 1999 - June 1999)

Worked as a senior DBA for BSS(Business Support System), handling Oracle 7.3 databases for the customers, KMC, First World and Logix. Responsibilities include monitoring performance issues on database, tuning SQL, memory structures and storage area, backup scripts, monthly data transfer to customer site, maintenance of users, roles, privileges, auditing and SQL*Net configuration.

Infoweb Systems, IA USA - Contract to John Deere Dubuque Works, IA USA. – (Feb 1997 - Feb 1999)

Manugistics

Designed and Developed Production Forecasting system for the John Deere Dubuque works. The system consists of PL/SQL packages which are run as batch jobs at the beginning of every month to calculate the monthly production quantities of different models of tractors for every dealer. The system also includes database triggers which recalculate the production values for the dealer/model inventory details being updated online. Responsibilities include Oracle 7.3 Installation, Database Creation, Application table design, integrity constraints, module design, report generation scripts and backup procedures.

JDLink

Developed Tractor/Farm equipment Parts Inventory modules, “Basic Part Info”, “Assembly Structure Creation”, “Bill of Materials” and 'Where Used' report for JDLink application in Pro*C++. JDLink is an interface to the Pro/Intralink Data Server through API's and Pro*C++. The Data Server consists of Oracle Database and API libraries which provide several functions to manipulate the Parts and Assemblies' attributes for the tractors

Wipro Systems, Secunderabad, India - (Oct 1996 - Jan 1997)

Involved in maintenance, support and Implementation of Oracle Financial modules at client locations. Responsibilities include development of Administrative reports for RAMPS system in SQL/PRO*C and imparting in-house DBA training.

Tata Consultancy Services, India - (May 1993 - Sep 1996)

ISBS (Integrated Standard Banking System)

Involved in implementing/customizing the ISBS Application for total Branch Automation of various banks in Hyd'bad. The modules include Current, Savings, Overdraft, Term Deposits, Remittances (DD, MT, PO), Loans, Bills, LCs, Guarantees, and Pass Book printing. Worked extensively in Pro*C, User*Exits, forms 3.0, PL/SQL, C. Also responsible for installing Oracle 6.0 RDBMS at sites, sizing tablespaces, rollback segments and scripts for daily/weekly backup procedures. Did ALPM data conversions for Savings, Current, Overdraft accounts.

Branch and Stockyard System

Involved in developing the modules, Sales Order Processing, Stock Accounting, Stockyard System in MF-Cobol for the client, Steel Authority Of India Ltd. Also did Integrated System Testing.

TCS-Motif

The project involves development of Motif clones using X-Toolkit and X-lib calls for the client, Novel Netware. Involved in developing Motif Convenience functions and Widgets using X-Toolkits and X-lib calls.

PC-Xserver

The project involved development of DOS based Xserver in C for PC-Users to run X-Window clients on remote hosts in a networked environment. Involved in Design and Development of Configuration Utility, Control Panel and Font Utilities. Hardware/OS used are UNISYS-6000, MS-DOS 5.0, UNIX SVR 4.2., Microsoft-C 7.0.

Library Management System

Design & Development of Library Management System as a part of Training project using C++ and Btrieve for file Management on MS-Windows 3.x .

EDUCATION

M.Tech Computer Science & Engineering, Osmania University Hyderabad, India. April, 1993.

B.Tech Civil Engineering, JNTU Hyderabad, India. - July, 1990.