Nancy L. McWane
703.969.3060
TS/SCI with full scope poly

CAREER OVERVIEW

Innovative Oracle DBA with 20 years experience. A professional that is highly motivated, self-directed, analytical, articulate and organized. Experienced and knowledgeable in the areas of Oracle, relational databases, software developments, COTS integration and network technologies. Proven record of accomplishment in providing consulting. Domain expert for USG customer. Excellent trouble-shooting skills and quick to identify problems and have a solution in place. TS/SCI with full scope poly.

PROFESSIONAL EXPERIENCE

TAA   02/2013 – PRESENT
Senior DBA/Developer
Work with a team of DBA's to support a fast paced USG project with changing priorities. Data hosting for Oracle and MySQL on various different networks. Supported successful migration of application from Oracle 10 to Oracle 11 using Data Guard. Continue to monitor this application with performance in Oracle 11. Sole DBA in migration from Oracle 10 to GRID Infrastructure Oracle 11. Work on compliance for security requirements, which includes applying the lastest patches, implementation of SSL connections for ICD's for Enterprise data. Tuning and performance running/evaluating ADDM reports and run stats using Oracle defined GATHER_STATS_JOB, datapump, Performance monitor, Explain Plan. Maintain all unix servers and backups on various networks including Exadata environment. Cloning of prod environments to dev environments. Clear and concise Documentation. Use flashback query to restore data for customer when data is inadvertently deleted. Create ACL (Access Control Lists) on utl packages that have fine grain security, so customer can use send mail capability. Manage, monitor and administer database and system performance using Oracle GRID CONTROL in RAC environment.

TAA   02/2012 - 02/2013
Computer Systems Group   02/2011 - 02/2012
Senior Lead DBA/Developer

Sole DBA supporting Agency Help Desk,P&SC (Products and Services Catalog) and HR. Support applications with performance, SQL tuning, views and materialized views, some development, massage and loading data from other databases. Maintain existing ICD's and creation of new ICD's. Use Embarcadero DBArtisan, OEM console, and SQL Developer. Team member of ABS Integration Award. Work on compliance with FISMA and CAT-B requirements, which includes implementation of SSL connections for ICD's for Enterprise data. Tuning and performance running/evaluating ADDM reports and run stats using Oracle defined GATHER_STATS_JOB, datapump, Performance monitor, Explain Plan. Successful migration from Oracle 10 to Oracle 11 and supporting Maximo upgrade. Setup successful prototype using Oracle streams from Oracle 10 to Oracle 11 at table level with tables that have different structures. Automated processes for Maximo developers and wrote SOP's for the team. Maintained context indexes and proprietary Oracle job that Maximo using to sync the context indexes.

IntelTech, Reston, VA   02/2006 –02/2011
Senior Oracle DBA/Developer
Support Agency Repository for Enterprise Data. Data hosting for enterprise data and COTS.
Support applications with performance, SQL tuning, views and materialized views, some
development, massage and loading data from other databases. Maintain existing ICD's. Use
Embarcadero DBArtisan and Oracle Designer, OEM console, SQL Developer. Maintain and
administer the Oracle production, development and test instances for both Enterprise
shared data and COTS environments, which include approximately 32 Oracle instance
versions 9i thru 10 RAC on UNIX Sun Solaris platform (CPE2). Prepare and apply changes to all
ARES environments. Team member of the team that was awarded 1st place for "Behind the
Curtain Award" as part of the APPS leadership Award Program.

Evaluated and migrated Oracle Designer 9.0.2.9.4 to version 10.1.2. This involved migrating the
the backend instance from Oracle 9 to 10, as well as installing the client and server side and
migrating the existing users.

Migrated shared and cots instances from Oracle 9 to Oracle 10.
Worked on FISMA scans
Refreshes from prod to test environments
Because every new Oracle release brings new capabilities, I have taken the lead on evaluating
where ARES can be using new features with Oracle 10.2 and brought other DBA's and
developers up to speed using the following new technologies:

- FLASHBACK(how to restore at table and row-level when data is deleted)
- column-level vpd and column-masking.
- Evaluated TDE (Transparent Data Encryption) for customer, and worked with GCS/USB
  to enable TDE for Oracle 11.
- usage of automatic and on commit synchronization for context indexes.
- Tuning and performance running/evaluating ADDM reports and run stats using Oracle
  defined GATHER_STATS_JOB
- Worked with GCS/USB to get required permissions in UNIX so that DBA's can use
  Oracle data pump instead of import/export.

Lead DBA SSL-connection effort for team, ICD's and customers.

Working on Oracle 11 migration effort by identifying new capabilities, going to meetings, getting
Lessons learned from a group that has already migrated to Oracle 11.

ManTech, McLean, VA   08/2004 - 02/2006
Senior Oracle DBA
Support high visibility fast paced project for USG. Maintain Oracle multi-terabyte with COTS
repository. Massage and load data from various data sources; as well as automate the load
process. Support two projects using Oracle 9i on UNIX Sun Solaris platform, and Oracle 9i on
Windows NT. Data conversion and cleanup and tuning and performance. Support writing SQL
queries for Ad/Hoc reports. Automated Oracle backups on NT/Windows, using Oracle Enterprise
Manager jobs. Data migration from Sybase to Oracle.

Booze Allen Hamilton, McLean, VA   09/2000 - 08/2004

Oracle DBA/Developer/Manager

Promoted to Administrative Manager for the Database Integration team. Responsible for five people, doing their one year and six month assessments and making sure they are billable.

- Technical Project Manager/DBA for OLAP Cube using Cognos and Oracle 9i. Setup Oracle backups using RMAN. Improved Oracle performance with database tuning by changing parameter values in spfile, SQL tuning, using indexes (bitmap, function, b-tree), IOT's and creating materialized views using Query Rewrite. Loaded data into Oracle using External Tables ETL (Extraction, Transformation, Loading). Data conversion and cleanup. Installation of Oracle and Patch upgrade (9.2.0.1 to 9.2.0.4).
- Senior DBA for SCP (Site Communications Processor) and SWI (Socomm Wed Interface) for NRO. This entailed maintaining the Oracle production, development and test databases. Database tuning, SQL tuning, multi-master replication and creation of triggers. Support Java developers.
- Proposal Manager for quals and resumes for ITEC proposal. In addition, helped prepare and present the oracle presentation for the oral ITEC proposal.
- Senior DBA for CIAO (Commercial Imagery Accounting and Ordering System) for NGA. This entailed maintaining the Oracle production, development and test databases. In addition, performed data migration from the current system into CIAO. Established scope boundaries and managed scope by individual schedule tasks, and many status reviews to the client.
- Supported CLEON (Collaborative Learning Environment on Network) at NRO/COMM as the Senior DBA, during the middle-tier upgrade for CLEON, which required a data migration from a proprietary database to Oracle 8x.
- Senior DBA for high-profile project within DIA for Oracle database tuning and performance.
- Load for facilitating space for Project Centaur with DISA for Sun hardware (Enterprise 10k, T3 arrays). Worked with Sun, and Booz Allen facilities on the Sun site survey. Installed and migrated Oracle 9i on Sun Solaris for Project Centaur.
- Presented and demoed Oracle Advanced Queuing to the Booz Allen Oracle User's Group.
- Enhanced and updated Oracle Forms and developed Oracle Reports for FBI.
- Primary DBA for CERCLIS – Comprehensive Environmental Response System. Managed and maintained all development and production databases for CERCLIS at Booz-Allen and client site. Maintained Oracle snapshots and homegrown snapshots with one master database at the EPA headquarters and 10 source databases at EPA regions, as well as reverse snapshots. I wrote database application dependent and emergency database revisions. Upgraded all CERCLIS Oracle databases at EPA Headquarters and all 10 region database from Oracle 7.3.4 to Oracle 8i. Supported Oracle developers and Powerbuilder developers at Booz Allen and supported other DBA's in writing database revisions. Worked with other contractors Lockheed-Martin, Dynacorp and Marasco & Newton on Oracle DBA related activities (upgrades, patches, etc.) Responsible for all Oracle installations, upgrades and patches for customer site and worked with Lockheed-Martin for deployment. In addition, implemented Oracle 8i security into CERCLIS 3.10, and setup auditing at EPA and data migrations.

BLACKSMITH, Inc., McLean, VA   11/1997 - 09/2000
Lead Oracle DBA/Developer

Lead DBA/Developer for full life cycle $5 million dollar project for NRO. The project entailed development of a budget application system that involved the dissemination, tracking and reporting of funds in various directories to the congressional budget office.

- Developed/tuned and deployed reports using Oracle Reports, Oracle Forms and Oracle Discoverer.

- Responsible for reports solution and a row-level security solution to this customer. Presented these solutions in CDR (Critical Design Review).
- Helped design ERD (Entity Relational Diagram) and generated this into a physical design in an Oracle database.
- Installed, maintained and tweaked database security using Secure Access (Oracle's solution to row-level security).
- Worked with testers on client site to prepare for Factory Acceptance Test (FAT) and Site Acceptance Test (SAT).
- Successful delivery of a robust multi-tiered Java enterprise budget system that utilized Gemstone technologies.
- Simultaneously supported numerous other company projects as the Oracle DBA. This included client/server installations, applying patches, and creation and maintenance of all Oracle instances.

TRW, Integrated Engineering Division, Treasury Communications Systems, Fair Lakes, VA
03/1996 – 11/1997
Oracle DBA

Worked as the primary DBA on the largest private network in the world. This is a worldwide network management system for the Treasury Communication Systems (TCS). This is an integration of COTS products: NetExpert, Openview, Visionael, Remedy with Oracle back-ends.

- Primary DBA for production and development databases.
- Responsibilities included monthly data loads, installation of Oracle at primary facility, and authoring and maintaining a DBA Supplemental reference.
- Creation and management of SQL scripts, coordination of in-house training, installation of Oracle suite of products and installation of Oracle 7.3.2.1 on Sun Sparc Server, intraorganization liaison to Security, Service Request/Order, training, support OCAT testing and migration of legacy data into Oracle.
- Interfaced with Oracle Support to track bug resolution, 24 hour support, performance and tuning, application development for translation of legacy data, consistency checking, and implementation of multi-master replication, creation of Access Reports and Forms for Property Management.
- Lead for upgrading the development and production systems to Oracle 7.3, participated in designing and defining a backbone RDB model for TCS Network Operations and TRW diagrams, data dictionary, standardized nomenclature for database objects and CRUD matrix.
- Client Server Architecture, Sun SPARC platform in UNIX environment, with Windows/NT workstations. Sun's High Availability was used.

CACI, Arlington, VA
01/1994 – 03/1996
Oracle DBA
- Oracle DBA for Configuration Management Information Systems (CMIS)
- Managed, maintained and created Oracle databases. Performed backups, installations and restoration of data using Oracle import/export utility.
- Updated and maintained all scripts using Intersolv's PVCS a software CM tool.
- Responsible for upgrading all databases and planning and analyzing databases in Oracle versions 6,7 and 7.1. In addition created and implemented the conversion of Oracle roles into the CMIS application.
- Managed and updated the physical models in Erwin, a data modeling tool.
- Oracle database tuning.
- Provided technical support to other CACI locations and sites.

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Summary of Qualifications

20 years of RDBMS and business experience
10 years consulting with USG customer
Experience with operating systems UNIX and Windows, and shell scripting
Experience with Oracle 11g, Oracle RAC, Oracle Streams Replication
Experience with logical and physical database design
Strong written and oral communications, presented and wrote SOP's for both technical and non-technical audiences.
Experience using Oracle Fine Grain security both modifying existing policies and writing new policies. Also,
Experience working in a database team environment, cross-training and backing up other DBA's.
Experience using FLASHBACK query (how to restore at table and row-level when data is deleted) and FLASHBACK database.
Experience using Oracle RMAN and datapump.
Experience with column-level vpd and masking.
Manage, monitor and administer database and system performance using Oracle GRID CONTROL in RAC environment.
Experience with ExaData
Experience with Oracle Data Guard

EDUCATION/CERTIFICATIONS

Mary Baldwin College, Staunton, VA   Bachelor of Arts – Management
Strayer College, Arlington, VA   Diploma – Program Management Information Systems

Oracle 9i Certified Associate,   07/2003
Cognos Certified,   04/2003
Technical Project Manager Course,   Booz Allen Hamilton, McLean, VA 05-2003
Oracle AppWorld Conference 2003,   San Diego, VA 01/2003
Oracle Corporation,   Reston, VA, Oracle Fundamentals II Backup & Recovery 9i, 05/2002
XML IC Metadata Workshop 2002,   Falls Church VA 10/2002
Oracle OpenWorld Conference 96,   San Francisco, CA

REFERENCES   Personal and Professional References are available upon request.