ANTONIO JOSE CANTILLO GUTIERREZ

PHONE: **+57 3244386911** | EMAIL: antoniocantillo@gmail.com | Cali, Valle, Colombia

LINKEDIN: Senior Oracle Database Administrator | Extended CV: https://antoniojcantillog.github.io

Engineer | Oracle | Postgres | MS SQL | DBA OCP | DBA CLOUD OCP | OCI OCA
GoldenGate Specialist | Autonomous Specialist | Data Guard | Linux | OCI Migrations Specialist

PROFESSIONAL SUMMARY:

SoftSkill: Problem-solving | Willingness to learn | Teamwork | Creativity | Open-Mindedness | Critical Thinking

Over 15+ years of experience as Oracle DBA (19c, 18c, 12c, 11g, 10g, 9i) in the IT industry.

Configuration of standby databases for postgres and oracle.(logical and physical)

languages like plsql, pl/pgsql, sql, shell scripting, AWR, bash, vim.

Expertise in Oracle databases on large-scale Unix platforms (Linux, HP-UX, Solaris, AIX), and windows server in the areas of database creation, refreshing database, user management

Knowledge on GoldenGate with installation, configuration and troubleshooting various issues.

Experience bash shell scripting and other Oracle tools and utilities like Oracle OEM, SQLDeveloper and TOAD.

Involved in Installation, Performance Tuning, Backup and Recovery, RDBMS Patching, Security, Oracle Enterprise Manager (OEM), Standby Database, Database Upgrade, troubleshooting and basic knowledge of networking and security.

Utilize Oracle diagnostics tools like Explain Plan, SQL Trace, TKPROF, and the AWR to analyze timing & execution plan for tuning. Also use TOP and VMSTATS to understand the impact on memory & CPU processes.

Design and implementation of Backup & Recovery using RMAN and Export and Import utility.

Proficiency in using SQL*Loader.

Handling day-to-day DBA activities using utilities and tools, monitoring space and memory requirements and Memory tuning. Checking Alert Logs, Archive Logs, Trace files and backup verifications.

Setting up Standby Database Oracle DataGuard to protect against failures.

Experience in installation and configuration of Oracle RAC. GoldenGate, Data Guard, Grid Infrastructure.

11 years of experience as Postgres DBA (9, 12, 14).

Migration databases Oracle to Postgres. Ora2Pg

2 years of experience as sql server

Experience as 24x7 Production DBA as well as application (development) DBA.

Monitoring and managing the use of disk space, memory and connections, Initializing database devices, Disk mirroring for recovery, creating, enlarging and removing user database and transaction log, Creating and using segments.

Backup and restore database, Backup and recovery plan using Dump and Load command, Creating Logical Device names, using backup server for backup and recovery, Step by step recovery of database after crash.

Proactive and efficient in timely delivery of all assignments, always enthusiastic to take up new challenges.

Motivated team player and an adaptable individual with good analytical and strong interpersonal skills.

EDUCATION

- Actual — Máster En Big Data Y Business Intelligence, ENEB - Escuela de Negocios Europea de Barcelona

- 2014 — Diploma in Project Management with a Pmi Approach, U. Autónoma de Occidente

- 2015 — Diploma in administration and security in database administration, SENA

- 2007 — Diploma in Development and Administration of Applications with Oracle, U. Autónoma de Occidente

- 2005 — Systems Engineering, within the first 5 positions in almost all semesters. Univalle. GPA: 4.3

EXPERIENCE

DBA in TCS - TATA CONSULTANCY SERVICES   Dec 2022 - Mar-2024

Oracle (10g, 11g, 12c, 19c), RAC, ASM, and Grid Infrastructure Administration.
Administration and operation of EXADATA, Superdome, goldengate, RAC, dataguard.
Implementation of Security Controls in the databases and servers.
Migration databases on-premise to OCI.
Postgres DBA (9, 12, 14) in flexible server azure.
supported database in cloud environment: OCI, AZURE.
Administration of database in cloud environment using dbaascli.
Install, configure, operation of Oracle GoldenGate replication.
Supported more than 100 databases, size from 25 GB to 27.1 TB having around 3 instances by server.
Postgres database deployments, configurations, operations, migrations, optimizations, security.
Sql Server database deployments, configurations, operations, migrations, optimizations, security.
Installed, configured and maintained oracle databases on Linux, AIX, windows server, and hp-ux environments.
Supported 4 node EXADATA RAC environments.
Startup and Shutdown of individual instances on EXADATA RAC 4 node environments.
Managed ASM diskgroups via asmcmd.
Created Database objects like Tables, Tablespaces, Rollback Segments, Multiplexing Control files, Data files, Redo log files,
Partition tables, Views, Indexes, Clusters, Synonyms, Materialized views. Audited, Implemented scripts/tools to help rollout
and manage Oracle in a global distributed environment.
Migrated and upgraded oracle database.and Moved databases from servers.
Setup jobs and events using Oracle Enterprise Manager (OEM) console.
Used Import/Export and SQL*Loader utilities to move data and objects Configured and Tested Backups for Oracle Databases
by restoration and recovery
Wrote bash shell scripts and scheduled them in CRONTAB for monitoring and health checks of database
Monitoring Database growth and space administration. and Present capacity plan reports.
Frequent analysis of objects, schemas, tuning, storage and security.
Experience in developing, maintaining and debugging procedures, packages and functions using sql developer.
Responsible for Online/Offline database backups and managing Database recovery
Worked on backup and recovery strategies using RMAN.
Performed database tape backups using data protector and veeam backup.
Refreshing or cloning databases from production to development using RMAN, or expdp, impdp and OS level scripts
24X7 support for databases and production operations teams
Interacted with Functional & Technical experts, system administrators, security analysts and other members of the project
team to ensure optimum operation of the database
ACHIEVEMENTS:
Implementation of monitoring flash recovery area, io disk.
unexpected Exadata reset fixes
Implementation of improved automatic cleaning of logs and archive logs.
Fix in the generation of backups with RMAN. and optimization of times.

DBA Leader in SOLUCIONES INTEGRALES DE OFICINA SAS   Mar 2012 – Dec 2022

DBA Leader: Local and cloud Oracle, postgres database administration (tools: sqlplus, lsnrctl, dbca)
Administration of postgres database in docker containers.
Perform maintenance, patching and upgrading of Oracle database and postgres.
Migrated and upgraded Oracle DB from 11g to 12c, and 12c to cloud environment (OCI)
Manage user access and database security features, maintaining permissions
Configuration Management. (tools: svnserver, github)
DevOps: Microservices on Docker, Application in Java, thebuggenie
Optimization of Oracle database and business processes, (tools: toad, sqldeveloper, insider)
Analysis, Evaluation and Implementation of New Technologies.
Monitoring and Preventive Maintenance of Oracle Database and Unix Operating Systems.
Migrations oracle to mysql, oracle to postgresql, postgresql to oracle.
Infrastructure and server administrator.
Administration of networks, firewalls, load balancing servers.
Perform installation, configuration and of Oracle databases on Solaris, Linux, and VMware.
Determined and implemented best practices for Oracle Setup, Installation, Configuration, Monitoring, Sizing, Capacity
Planning, Backup and Recovery strategies

Created Database objects like Tables, Tablespaces, Rollback Segments, Multiplexing Control files, Data files, Redo log files, Partition tables, Views, Indexes, Clusters, Synonyms, Materialized views. Audited, Implemented scripts/tools to help rollout and manage Oracle in a global distributed environment

Setup jobs and events using Enterprise Manager(OEM) console, enrolled users and maintained system security by controlling and monitoring user access to the database

Responsible for developing different databases at various stages of implementation of Projects (Databases for conversion of data, interfaces, training and development)

Used Import/Export and SQL*Loader utilities to move data and objects

Monitored and maintained database growth and tablespace utilization

Devised backup/recovery strategies and implemented it in line with Business requirements (RMAN)

Configured and Tested Backups for Oracle Databases by restoration and recovery

Involved in the performance tuning and query optimization

Experience in Performance Tuning by using tools/utilities by Automated Workload Repository (AWR)

Installed and Configured Oracle 11g, 12c Real Application Cluster (RAC) Instances with standby database (DataGuard) using CRS and ASM .

Upgraded Oracle Database from 11g to 12c, 12c to 18c.

Code reviews of host and interface applications to ensure optimum database connections, resource usages, locks, query response times

Designed and Implemented Oracle Disaster Recovery Solutions for customers

Applied patches in production and test, qa and dev instances

Managing Database (User management, Tablespace management, Performance related issues).

Strong hands-on partitioning and performance tuning skills

Strong SQL and UNIX bash scripting skills

24X7 support for databases and production operations teams

Assisting Developers in writing and tuning their queries

Work with clients, information architect, system admin, and developers to define information flow helping to transform business requirements into environment specific databases.

Assist in the design and implementation of several databases using Data-Flow Diagrams (DFD's) and E/R Models.

Diagnosed oracle bugs and coordinating with oracle support to resolve them in a timely manner.

supported on certification projects of CMMI level 3, IT MARK, and ISO 27001 on infrastructure area.

ACHIEVEMENTS:

implementation of contingency plans to reduce and prevent incidents with the SIO customer database that could cause data loss and service failure.

Efficient recovery on 5 occasions of serious damage to the databases, which generated the normalization of the service in some of the clients.

Successful implementation of strong backup policies that allow the client to be calm in the face of any eventuality.

Successful implementation of the THEBUGGENIE web tool that manages the requirements and incidents of SIO SAS client projects.

Migration of the different tools (SVN, database, etc) with which SIO SAS operated locally to the cloud.

The company's processes were established, carrying out improvement actions and implementing the good practices of the ITMARK and CMMI SVC LEVEL 3 models.

Recovery of important falls of databases and servers of the government.

Implementation of NAGIOS, service availability monitoring tool

Improvement in the generation and control of the database that allows 0 loss of information.

DBA Leader in OPTIMA CONSULTING   Sep 2010 - Mar 2012

Optimization of Oracle database and Business processes, Analysis, Evaluation and Implementation of Oracle Technologies, Monitoring and Preventive Maintenance of Oracle Database and Unix Operating Systems.

Oracle database administration to national and international clients.

Implemented dataguard (physical) for high availability/disaster recovery solution.

Configure, deployment and support of golden gate.

Involved in writing bash shell scripts for daily RMAN backups, tape backups, Index rebuilding and to generate Multi-Master Replication. Databases are reorganized to improve performance

Developed and maintained stored procedures, functions, packages, and triggers and used Oracle standard packages. Daily monitoring Alert logs, growth of table spaces, size of the tables, top sessions and top 10 SQLs

Developed complex queries and PL/SQL procedures on Data Warehousing environment to facilitate strategic plans to higher levels of management. Created Oracle database redo log members and groups managed on-line redo log files. Responsible for Oracle database performance tuning.

Cloning of production database to the test environment using Recovery Manager (RMAN)

Database Administration and Planning including logical design, physical design, backup & recovery

Implemented DataGuard (Standby) for high availability/disaster recovery purpose
Developing a backup and recovery strategy and tested several recovery scenarios
Managing Application user profiles and managing concurrent managers, concurrent processing, load balancing etc
Creation of Database Devices and Databases.
ACHIEVEMENTS:
DBA support to new international markets: Nicaragua, Salvador, Ecuador and Puerto Rico.
Successful migrations of some of our client (CLARO NICARAGUA) from 10g to 11g Oracle Database.
Implementation of Oracle RAC.

DBA in OPEN SYSTEM INTERNATIONAL   Mar 2007 - Sep 2010
Backup creation and testing, Oracle software installation, Database Creation
Database optimization and Pl/Sql code
Database and Operating Systems Monitoring (space, performance, etc), SQL Tuning
Evaluation and Implementation of new Technologies
ACHIEVEMENTS:
Process optimization such as: one that took 5 days to only 10 hours.
Implementation of new infrastructure such as: SAN, backup appliance, etc.
Script implementation that automates database replication with a single button.

SKILLS

Oracle Database	Tuning
MS SQL, Postgres, Mysql	Oracle Enterprise Manager
RMAN, EXPDP	ASM
GoldenGate	Cloud
Bash Script	Disaster Recovery
Linux	DataGuard
Exadata	ITIL, CMMI, ISO-9000, ISO-27000

CERTIFICATIONS

- Apr 2024   Oracle Database Administration 2019 Certified Professional, OCP
- Apr 2024   Oracle Database Cloud Administrator 2021 Certified Professional
- Apr 2024   Oracle Database Administration II | 1Z0-083
- Mar 2024   Oracle Database Administration I | 1Z0-082
- Mar 2024   Oracle GoldenGate 12c Certified Implementation Specialist | 1Z0-447
- Oct 2023   AZ-900 Azure Fundamentals
- Jan 2023   Conversational English with Preply | 80 hours
- Feb 2022   Oracle Machine Learning using Autonomous Database 2021 Specialist | 1Z0-1096-21
- Feb 2022   Oracle Cloud Infrastructure Security 2021 Associate | 1Z0-1104-21

- Dec 2021   Oracle Cloud Database Architect 2021 Associate | 1Z0-1072-21
- Dec 2021   Oracle Cloud Database Services 2021 Certified Specialist | 1Z0-1093-21
- Dec 2021   Oracle Cloud Platform Enterprise Analytics 2021 Specialist | 1Z0-1041-21
- Nov 2021   Oracle Cloud Database Migration and Integration 2021 Specialist | 1Z0-1094-21
- Nov 2021   Oracle Autonomous Database Cloud 2021 Specialist | 1Z0-931-21
- Oct 2021   Oracle Cloud Infrastructure 2021 Foundations | 1Z0-1085-21
- Dec 2019   British English B2 Level
- Jun 2016   Red Hat System Administration I
- Oct 2015   Product Owner Scrum Agile Institute

- Feb 2022   Oracle Cloud Platform Identity and Security Management 2021 Specialist | 1Z0-1070-21
- Jan 2022   Oracle Cloud Infrastructure Developer 2021 Associate | 1Z0-1084-21
- Jan 2022   Oracle Cloud Database Cloud Operations 2021 Associate | 1Z0-1067-21
- Dec 2021   Oracle Cloud Database Architect 2021 Professional | 1Z0-997-21
- Nov 2014   Certified PSP Developer, SEI Certification
- Jan 2009   Online Prometric Oracle Database: SQL Fundamentals I 1Z0-051
- Jan 2009   Prometric Center Oracle Database 10g: Administration I 1Z0-042

COURSES AND TRAININGS

- 2024 Administracion Oracle Database 19c, 40 hours, Udemy
- 2024 Oracle GoldenGate 19c, 40 hours, Udemy
- 2023 AZ-900: Microsoft Azure Fundamental Exam Prep, Udemy
- 2023 Software Security, TCS
- 2023 Softskill leadership: assertive communication, TCS
- 2023 Softskill Rigor in operations, TCS
- 2023 Softskill Language tips for everyday business, virtual conferencing, TCS
- 2023 Softskill Writing effective incident and outage notification, Emails, bussiness chat, TCS
- 2023 Softskill Creating effective status reports, TCS
- 2022 Become a Specialist on Oracle Machine Learning with Autonomous Database
- 2022 Become A Cloud Security Associate
- 2022 Become OCI Developer (Associate), Oracle Learning
- 2021 Become an OCI Cloud Operations Associate, Oracle Learning
- 2021 Become an OCI Architect (Associate), Oracle Learning
- 2021 Become an Oracle Cloud Database Services Specialist, Oracle Learning
- 2021 Become a Business Analytics Expert, Oracle Learning
- 2021 Become an Oracle Cloud Database Migration and Integration Specialist, Oracle Learning
- 2021 Become an Autonomous Database Specialist, Oracle Learning
- 2021 Become an OCI Foundations Associate, Oracle Learning
- 2019 Tourism English B2 level, 400 Hours, Comfenalco Valle
- 2018 IT Government/ITIL Diploma, ICESI
- 2016 Red Hat System Administration I and II, BScolombia
- 2014 Auditor Interno ISO-27001, Password Consulting Services
- 2014 Psp - Personal Software Process, SEONTI
- 2012 Advanced English, Open English
- 2009 Oracle Database Performance Tuning, Oracle Education
- 2006 Fundamentals of PC Hardware, SENA VIRTUAL
- 2006 Web design with HTML, PHP and MYSQL, SENA Virtual SENA
- 2000 LESARU Intermediate English Course

ORACLE Certified
Professional
Oracle Database Administration
2019

ORACLE Certified
Specialist

Microsoft CERTIFIED
FUNDAMENTALS
★

RED HAT CERTIFIED
SYSTEM ADMINISTRATOR
redhat.
160-216-727

ORACLE Certified
Specialist
Oracle Machine Learning using Autonomous Database
2021

ORACLE Certified
Specialist
Oracle Autonomous Database Cloud
2021

ORACLE Certified
Specialist
Oracle Database Cloud Migration and Integration
2021

ORACLE Certified
Specialist
Oracle Cloud Platform Enterprise Analytics
2021

ORACLE Certified
Specialist
Oracle Cloud Database Services
2021

ORACLE Certified
Specialist
Oracle Cloud Platform Identity and Security Management
2021

ORACLE Certified
Specialist
Oracle Machine Learning using Autonomous Database
2021

ORACLE Certified
Foundations Associate
Oracle Cloud Infrastructure
2021

ORACLE Certified
Associate
Oracle Cloud Infrastructure Architect
2021

ORACLE Certified
Associate
Oracle Cloud Infrastructure Cloud Operations
2021

ORACLE Certified
Associate
Oracle Cloud Infrastructure Developer
2021

ORACLE Certified
Associate
Oracle Cloud Infrastructure Security
2021

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Certified Associate