



NoCOUG SUMMER CONFERENCE 2017

Thursday, August 3, 2017, at Chevron Park Building A, 6001 Bollinger Canyon Road, San Ramon

8:00–9:00	REGISTRATION AND CONTINENTAL BREAKFAST		
	ROOM 1002		
9:00–9:30	GENERAL SESSION Iggy Fernandez, NoCOUG President		
9:30–10:15	KEYNOTE <i>Why You Need to Upgrade to Oracle 12c to Easily and Seamlessly Migrate to Oracle Cloud</i> Charles Kim, Viscosity		
10:15–10:30	BREAK		
10:30–11:15	PANEL DISCUSSION <i>Real Customer Experiences in the Cloud</i> Charles Kim, Marcus Bode, Kathy Forte		
11:15–11:30	BREAK		
	ROOM 1002	ROOM 1000	ROOM 1300
11:30–12:15	<i>Containerizing Oracle: Why You Should Be Thinking About It If You Aren't</i> Debaditya Chatterjee, Robin Systems	<i>On-Premises Oracle Backup and Restore Taken to the Next Level of Scalability and Efficiency</i> Dan Fischer, Veritas Technologies	<i>Migrating PeopleSoft to Oracle Public Cloud</i> Marcus Bode, SpearMC Consulting
12:15–13:00	LUNCH		
13:00–14:00	<i>Stop Compromising Your Oracle Database Data in the Public Cloud</i> Alberto Sigismondi, Veritas Technologies	<i>Advanced SQL Techniques: Advanced Grouping</i> Jared Still, Pythian	<i>AWS on Steroids: Cloud Formation Templates</i> Paul Marcelin, Independent Consultant
14:00–14:30	LAST CHANCE TO MEET THE VENDORS		
14:30–15:30	<i>Goodbye Passwords: Securing Oracle with SSL</i> Harris Baskaran, Google	<i>Advanced SQL Techniques: Recursive SQL</i> Jared Still, Pythian	<i>Hands-on with Oracle MySQL Cloud Service</i> Kathy Forte, Oracle
15:30–16:00	RAFFLE		
16:00–	NO-HOST NETWORKING AND HAPPY HOUR AT THE HOP YARD AMERICAN ALEHOUSE & GRILL, 470 MARKET PLACE, SAN RAMON		

Mark your calendar for the Fall Conference on **Thursday, November 9**, at PayPal, San Jose

Room 1002

Keynote: Why You Need to Upgrade to Oracle 12c to Easily and Seamlessly Migrate to Oracle Cloud

—Charles Kim, Viscosity..... 9:30

Companies can see immediate and significant ROI by upgrading to Oracle 12c while preparing to migrate to Oracle Cloud. By adopting Oracle Database 12c Release 2 on-premises at your data center, you will have already mitigated the majority of the security concerns for cloud adoption. Not only will you reduce your operating expenses (OPEX) and achieve new levels of availability, you can then easily migrate your databases to Oracle Cloud and start reducing capital expenses (CAPEX).

Panel Discussion: Real Customer Experiences in the Cloud

—Charles Kim, Marcus Bode, Kathy Forte.....10:30

Containerizing Oracle: Why You Should Be Thinking About It If You Aren't

—Debaditya Chatterjee, Robin Systems.....11:30

Currently, DBAs mostly use traditional methods like hypervisor-based virtualization to consolidate databases in their data centers. With the introduction of the Oracle Multitenant option, DBAs have another choice for consolidation, but there are still concerns about performance loss and manageability challenges. In this session we will explore these prevalent approaches and elaborate on how to use container technologies like Docker and LXC to overcome some of the current roadblocks and consolidate databases without compromising performance while guaranteeing isolation and no manageability changes. We will demonstrate how to run an Oracle database using Docker and how we can simplify some of the most common lifecycle management tasks using the robin cloud platform.

Stop Compromising Your Oracle Database Data in the Public Cloud

—Alberto Sigismondi, Veritas Technologies.....13:00

A critical application like Oracle Database requires the same levels of protection, visibility, and recovery in the public cloud as on premises. Yet, all too often, organizations end up making risky or unacceptable compromises when deploying Oracle Database in the public cloud. Join this session to make sure this never happens to you. You'll learn how a new family of Veritas Cloud Data Protection products can help you take advantage of the simplicity and flexibility offered by the public cloud without compromising the safety of your data.

Goodbye Passwords: Securing Oracle with SSL

—Harris Baskaran, Google.....14:30

At Google we take security seriously. Excessive privileges, shared accounts, lack of meaningful audit trails, and plain text passwords over the wire are common nightmares for DBAs everywhere who are trying to secure data. Security is hard. Given the spectrum of constant data breaches, securing database access is a big challenge. We will explore how database engineers can address modern Oracle database authentication and authorization challenges. We will show how two-factor authentication, which has become the standard for your corporate account, can be used for SQL developer and other SQL tools to connect to databases securely and access data in a secure way. We will also explore how to automate user and privilege management. Finally, we will show how to put all components together and sunset passwords. Stop worrying and started loving database security.

Room 1000

On-Premises Oracle Backup and Restore Taken to the Next Level of Scalability and Efficiency

—Dan Fischer, Veritas Technologies.....11:30

Oracle's Recovery Manager (RMAN) feature is recognized for its rock-solid backup and restore functionality. But Veritas has taken RMAN to the next level to protect ever-increasing database sizes. In this technical session, we will talk about new and innovative ways that Veritas engineers have created technologies based on RMAN to improve your Oracle backups.

Advanced SQL Techniques: Advanced Grouping

—Jared Still, Pythian.....13:00

The CUBE, ROLLUP, and GROUPING SETS extensions to SQL make querying and reporting easier and faster. CUBE, ROLLUP, and grouping sets produce a single result set that is equivalent to a UNION ALL of differently grouped rows. ROLLUP calculates aggregations such as SUM, COUNT, MAX, MIN, and AVG at increasing levels of aggregation, from the most detailed up to a grand total. CUBE is an extension similar to ROLLUP, enabling a single statement to calculate all possible combinations of aggregations. The GROUPING SETS extension lets you specify just the groupings needed in the GROUP BY clause.

Advanced SQL Techniques: Recursive SQL

—Jared Still, Pythian.....14:30

Version 11g Release 2 introduced recursive subquery factoring or the recursive with clause. This is an extension to the SQL syntax with which you can do recursive/hierarchical queries. However, since version 2, Oracle has had the connect-by clause for hierarchical queries. At first glance, the connect-by and the recursive-with seem very similar in what they can do. But on a second look, there are some really interesting differences.

Room 1300

Migrating PeopleSoft to Oracle Public Cloud

—Marcus Bode, SpearMC Consulting.....11:30

Organizations face comprehensive technical and business challenges in assessing, selecting, and deploying various cloud strategies for their PeopleSoft applications. This session covers our experience with a current PeopleSoft customer. We will explain how we planned for the migration to Oracle Public Cloud. We will discuss best practices from a planning, architecture, and execution standpoint—best practices co-developed by SpearMC and Oracle to “lift and shift” on-premises customers to the cloud.

AWS on Steroids: Cloud Formation Templates

—Paul Marcelin, Independent Consultant.....13:00

Learn to write Cloud Formation templates to create, secure, and reconfigure an Amazon Relational Database Service (RDS) Oracle database instance. After reviewing different infrastructure as code options, I will outline the structure of a Cloud Formation template, propose naming conventions, and show you how to deploy and reconfigure basic AWS resources with your templates. You will receive samples to use as a starting point for your own work, and pointers to sources of additional information. My goal is to help you reduce manual work in the AWS Console.

Hands-on with Oracle MySQL Cloud Service

—Kathy Forte, Oracle.....14:30

This hands-on lab explores setting up a sample application using Oracle MySQL Cloud Service. Attendees step through each of the options available and get recommendations on how to size instances and monitor them with MySQL Enterprise Monitor.