



# Oracle Database Insider

All you want to know about Oracle Database

## What's New

**Oracle is named leader in the Forrester Wave: Translytical Data Platforms, Q4 2022**



**Zero Downtime Migration 21.4 is now available for download!**



Translytical platforms can support transactional, operational and analytical workloads without sacrificing data integrity. Access The Forrester Wave report to see why Oracle received the highest scores in the Current Offering and Strategy categories.

Zero Downtime Migration or ZDM is Oracle's premier solution for data migration from on-premises to cloud. ZDM 21.4 is pumped up with powerful new features such as additional physical migration capabilities, sudo-less migration, migration of objects with different GoldenGate support modes, and much more.

**First Quarterly Update on Oracle Graph**



**New Applied Database Systems curriculum covers foundational skills**



Add richness to your paragraphs in Graph Studio Notebooks. You will now be able to use third-party python packages such as pandas and matplotlib to enhance your Graph Studio Notebooks paragraphs by installing the third-party python packages via conda.

We are pleased to announce a new [Applied Database Systems](#) course is now available in [Oracle Academy](#) for download by faculty members and training partners across 22K institutions reaching nearly 39K educators and millions of students in over 130 countries.

## From the Desk of the Managing Editor

As you might have noticed, we are experimenting with the layout of the newsletter. You will get some preview of an article and can use it to decide whether to read the full article or not. We are profiling an ACE advocate right here in the newsletter. There is a new video spotlight section. Is this new layout helpful? Crappy? Share your thoughts! We continue to appreciate your feedback. My name is Suresh Rajan, and I am Assistant Editor, working with Bill Sawyer, the Managing Editor. You can email us at [suresh.r.rajan@oracle.com](mailto:suresh.r.rajan@oracle.com) or [bill.sawyer@oracle.com](mailto:bill.sawyer@oracle.com).

## Top Stories

### Cloud Migrations

Which cloud provider meets your requirements? You must consider a variety of factors.

[Read more!](#)



### JSON Relational Duality

Benefit of both relational tables and JSON documents, without the tradeoffs of either model.

[Read more!](#)



### Oracle for Azure

Azure customers can provision Oracle Databases in OCI via Oracle Database Service for Azure.

[Read more!](#)



# All About Autonomous

## Long-term Backups

Customers can now select a retention time of up to 10 years for long-term backups.

[Read more!](#)



## Version Control

Choose the Oracle Home version while provisioning an Autonomous Container Database.

[Read more!](#)



## Microsoft Tools on ADB

Users of Microsoft tools such as Power BI Desktop can now easily and quickly connect to ADB.

[Read more!](#)



## Video Spotlight



## Community

### Flashback query

Seeing unusual performance loss in your code? Here's why you need to check your flashback queries.

[Read more!](#)



### Vanity URLs for ADB

Want to improve your brand identity? Consider using vanity URLs for your apps on ADB.

[Read more!](#)



### DBCS from Bastion

How to access your database instance securely from the public internet? Use a bastion host.

[Read more!](#)



## Events and Event replays

### OUGN 2023 – 2 Days 7 Tracks

Don't miss the two-day conference at Rebel Oslo, taking place April 24-25, 2023. Organized by Oracle User Group Norway, with 7 inspiring tracks, fantastic food, drinks, networking, great entertainment and a buzzing Expo.

[Register Here](#)

### Oracle Cloud World Tour

Join us in person for an inside look at how companies like yours are solving their most complex business challenges. You'll learn about the very latest innovations in cloud infrastructure, databases, and

[Register Singapore](#)

[Register Tokyo](#)

applications for your industry and discover how they can advance your cloud journey.

Register London

The upcoming events are Singapore, 4 April 2023 at the Marina Bay Sands Expo and Convention Centre, Tokyo, 14 April 2023 at the ANA InterContinental Tokyo, London, 19 April 2023 at ExCeL London, São Paulo, 27 April 2023 at Teatro Bravos, and Abu Dhabi, 3 May 2023 at the Abu Dhabi National Exhibition Centre (ADNEC).

Register São Paulo

Register Abu Dhabi



### ACE Profile: Debra Lilley

This month, we would like to introduce you to Debra Lilley, an Oracle ACE Director who has been a member of the Oracle ACE Program since 2008. Debra has worked with Oracle applications starting 1996 (EBS 9.4.1). She led Oracle global user group input into Oracle Fusion Applications through the IOUC. She specializes in application strategy, technology and education of both partners and customers.

[Read more about Debra](#)



### Learn more... for free!

**Build Expertise** with hundreds of Oracle workshops on a variety of Oracle products, 24x7 for free, on [Oracle LiveLabs](#).

**Learn, Write, and Share SQL** at Oracle's interactive [Live SQL](#) site, built with Oracle APEX running on Oracle Database.

**Build Muscles** at [Oracle Dev Gym](#) by taking workouts, quizzes and even entire classes on SQL, PL/SQL, database design, logic and more.



### Useful links to keep your skills sharp

**Blogs:** [Oracle Developers](#) | [Oracle Database Insider](#) | [Oracle Cloud Infrastructure](#) | [Oracle APEX](#)

**Videos:** [Oracle's Database Product Management YouTube channel](#)

**Websites:** [Oracle Database](#) | [Oracle Autonomous Database](#) | [Oracle Developer Resource Center](#) | [Oracle Developer Tutorials](#)

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