

## Agenda SOUG Day 4. April 2023@ZHAW Winterthur

Stream 2 - Hörsaal MG E0.095		Moderation Christian Marquardt, ZKB			
09:00	10:00	Begrüssung			
		<b>Key Note "Wieso kontinuierliche, automatisierte Penetrationsangriffe für den Schutz vor Ransomware und Phishing unabdingbar sind" von Roberto Bortoli, CEO</b>			
10:00	10:10	Pause			
10:10	10:55	Nach der Härtung - Database Auditing	Die Sicherheit von IT-Systemen und damit auch Datenbanken rückt immer mehr in den Fokus. Es werden Konzepte erstellt und Datenbanken gehärtet. Aber was, wenn der Zugriff auf die Datenbank aus welchen Gründen auch immer gelungen ist? Dann kommt die Auditierung ins Spiel. Wie man das in 12c eingeführte Unified Auditing sinnvoll konfiguriert, was man auditieren sollte und wie, all das wird Thema sein. Und vor allem wird auch das Housekeeping erläutert, denn die gesammelten Daten können und sollen nicht ewig vorgehalten werden.	Marco Mischke	Robotron Datenbank-Software GmbH
10:55	11:15	grosse Pause			
11:15	12:00	Need database migration advice? CMA is the solution	<p>This situation may sound familiar to you. At least to me, it does. You have one single complex database or dozen and hundreds of systems. You need to migrate them off a Big Endianness platform, to an ExaCC or to a cloud deployment. And you don't know what the best way, the smoothest approach is?</p> <p>We have the solution for you. The Database Upgrade, Migration and Patching expert team from Oracle Development has put all its experience and brain power together to create CMA, the Cloud Migration Advisor. You download an extractor from oracle.com, run and collect information about your landscape. CMA will visualize your entire Oracle database landscape with patch level details. And then CMA will create migration advice solutions for you. Of course, based on your preferences, choices, constraints.</p> <p>It is a tool nobody else has ever created since migrations sound easy to C-levels, but we all know that there is a lot of complexity involved in many of them. Identify the low-hanging fruit, the easy targets. And get the right advice for the most complex environments.</p> <p>That's CMA - free to use, no personal data gets collected, fully anonymous if desired. The tool which solves a lot of problems DBAs and project consultants are threatened with almost every day.</p> <p>The talk will include a CMA live demonstration.</p>	Mike Dietrich	Oracle
12:00	13:00	Lunch			

13:00	13:45	Fully secure and automated migration to Multitenant with encrypted databases	<p>From Oracle 23c onward, there will be only the CDB architecture for Oracle databases. So you'll better start today with your move to Multitenant. And since 3 user-created PDBs are always included, there is no extra license pressure at this point. But what if you use TDE (Transparent Database Encryption) already, or you plan to use it?</p> <p>No worries, Oracle AutoUpgrade will fully automate your move whether you have encryption on or not, whether you'd like to plugin and convert only a single or hundreds of databases.</p> <p>The end-to-end automation with its own integrated keystore ensures 100% secure migrations into the Multitenant architecture. And it is simple to use.</p>	Mike Dietrich	Oracle
13:45	13:55	Pause			
13:55	14:40	Oracle TDE with PDBs and try not go mad again	<p>Security of data (at rest) becomes more and more important for database users. An Oracle database addressed this long ago by adding a Transparent Date Encryption (TDE) on column or tablespace level. This functionality was enhancement over a time and become almost a standard solution for data encryption. There were a set of typical challenges related to a TDE configuration using non-multitenant architecture but with CDB/PDB that became more challenging. This talk is focusing on creating and managing clones of production databases with TDE in non-production environments in the automated way and with addressing a data security in the non-production environments. During a talk the following topics will be addressed: - How to TDE works and how to configure it - Wallet management for MT architecture (password changes, rekey, backup) - PDB operations - Nonproduction</p>	Marcin Przepiorowski	Delphix
14:40	15:00	grosse Pause			
15:00	15:45	Oracle Audit Vault and Database Firewall at a Glance	<p>With Audit Vault and Database Firewall (AVDF) Oracle offers a software appliance for the management, collection and analysis of audit data. Besides regular audit information directly from databases, AVDF can also collect information from other audit trails. This includes operating systems as well as other databases such as MS SQL Server, Sybase, MySQL and more. With the firewall functionality it is even possible to actively prevent security breaches. But for whom is the use of Oracle AVDF worthwhile? What has to be considered for security projects with Oracle AVDF? In this presentation we will take a look at the current version of Oracle AVDF and try to show if and where the use of Oracle AVDF is worthwhile.</p>	Stefan Oehrli	Trivadis
15:45	15:55	Pause			

15:55	16:40	Oracle Cloud Infrastructure - Hardening your Cloud!	The actual CIS benchmark v1.2.0 for Oracle Cloud infrastructure lists over 40 points which supports system and application administrators, security specialists, auditors, help desk, platform deployment and devops people to implement secure solutions in Oracle Cloud Infrastructure. This has to be considered BEFORE a cloud project starts and not when the architecture is implements. And it must monitored. In this talk, I show the most important CIS recommendation and how to implement them 1:1 in OCI. With steampipe.io there is an open source tool to instantly query your cloud services and which supports the implementation of the rules and hardening your tenancy. Live Demo included!	Martin Berger	Trivadis	
16:40	18:00	Apéro und Austausch				