Keep your feet on the ground and your head in the Cloud

Oracle University

EXPERT SUMMIT 2016

22nd – 24th March

PARIS, FRANCE
Dear Oracle Professional,

Oracle University invites you to attend a three day event that will impart knowledge far beyond the standard content of classroom training. Join us at the Oracle University Expert Summit in the magical city of Paris where industry acclaimed Oracle technology experts will share valuable insights, best practices, as well as tips and techniques.

- Read about the Expert Summit Learning Concept
- View this video to see what you can expect

Whether or not you are ready to move to the Cloud, this is the place to be for taking a practical deep dive with gurus; discussing challenges and strategy; and interacting with like-minded people. **Keep your feet on the ground and your head in the Cloud!** Thanks to this exceptional Summit, you will benefit from many popular Database Security and Performance topics mixed with cutting-edge Cloud Computing content.

You will be amazed at how much you can learn!

Valerie Hayotte – Sales Director OU South Europe

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**Oracle University Paris EXPERT SUMMIT**

**Keep your feet on the ground and your head in the Cloud!**

The Experts you will be learning from:

**JEAN-PHILIPPE PINTE** joined Oracle in 2000 and he is now working as Cloud Platform specialist across EMEA. He has been working with Oracle products since 1998 with expertise in database and manageability and has held several positions from pre-sales to Business Development Manager. Jean-Philippe often presents at conferences and has written many articles for different blogs; his last one is dedicated to Oracle Cloud solutions: [http://oraclecloudsolutions.blogspot.com/](http://oraclecloudsolutions.blogspot.com/)

**FRANCK GORON** is a certified Oracle Enterprise Architect with over 19 years of international experience across industries. He founded and later sold his own enterprise to design innovative Cloud-based eBusiness solutions for organizations like the Microfinance Information Exchange and American Academy of Ophthalmology. Franck joined Oracle France in 2014 after over 10 years at Oracle USA, which included 5 years as an IT Transformation Director where he contributed to the success of several large projects such as the State of Texas Private Cloud consolidation initiative featured at Oracle Open World in 2012 and 2013. Franck has helped build enterprise business, technical and operational architecture for domains such as Consolidation, Cloud, Big Data and Customer Experience. He champions a simple and pragmatic “just enough, just in time” approach to Enterprise Architecture.

**GIUSEPPE CREAZZO** is an Oracle PaaS and IaaS Consultant, with specific knowledge on Cloud and Security areas and with over 15 years of experience in complex datacenter automation and management. He helped Enterprise, Telco and Public Sector customers across Europe to adopt new disruptive technologies. He acts as an evangelist to the customer in giving them guidance on how to simplify and reduce datacenter complexity and increase flexibility. With his 360° of knowledge on software architectures, Giuseppe helps IT managers to act as service providers for their internal and external stakeholders. Over the last few years, Giuseppe’s main focus has been on the design and implementation of “Hybrid environments” on customer software and hardware infrastructures.

**ILOON ELLEN-WOLFF** is a Senior Principal Technical Engineer at Oracle who started working for Oracle Support Services 16 years ago. She currently works in an international team as an ‘advanced resolution engineer’ for Application Express and Oracle Forms where she helps solve problems from Oracle engineers anywhere in the world. For Application Express, she is the primary contact between Oracle service development, product management and support. Iloon co-authored the book Application Express Best Practices and is a frequent speaker on the topic of Application Express.

**PETE FINNIGAN** is a prominent security assessment expert on Oracle Databases. He is the author of the “SANS Oracle Security Step-by-step guide versions 1 and 2 – A survival guide for Oracle security,” which served as a basis for the Internet Oracle Security Benchmark for securing Oracle Databases from intrusion. Pete is also author of the “SANS S.C.O.R.E security checklist” for the Oracle Database. He is a frequent speaker on the world stage on the subject of Oracle and security at events including Blackhat, UKOUG, OUG Ireland, OUG Scotland, Northern UK Security Group, PSOUG and InfoSec.

**JONATHAN LEWIS** is a well-known figure in the Oracle world with more than 26 years experience. He has published three books about Oracle, including Oracle Core, published by Apress in 2011. He runs websites and contributes to newsgroups, forums, and user group magazines and events around the world. Jonathan has been self-employed for most of his time in the IT industry. For the last 20 years he has specialised in short-term assignments, typically of a design, review, or troubleshooting nature, often spending no more than two or three days at a client site to address problems. He runs seminars all over the world about using Oracle and has visited more than 50 different countries to talk about, or troubleshoot, Oracle systems.
### The Schedule

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You are free to choose to follow the sessions that are of most interest to you. Pick and build your own schedule. One registration pass will get you access to all seminars.

**EXTRA!**

On DAY 1 and DAY 2: 1-hour Expert Round Table Sessions will follow shortly after the seminars end.

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For more information, assistance and registration, please contact your Oracle University Account Manager or our Oracle University France Service Desk:

**Telephone:** 0800 945 109  
**Email:** education_fr@oracle.com
WHY SHOULD YOU ATTEND
As organizations adopt Cloud Computing, they will need to define a roadmap in alignment with their own business drivers that clearly identifies their current and future capabilities for delivering IT services. The first part of this seminar will cover everything you need to know about private Database Cloud solutions: what is a service catalog, what are the architecture concepts, what are Oracle DBaaS software & hardware capabilities. In the second part, you will learn what Oracle Database Cloud Service is and how to deploy it. Last but not least, you will gain insight on how Enterprise Manager simplifies database management both on-premise and in the Cloud.

WHAT YOU WILL LEARN
• Oracle Cloud Vision and Strategy
• Business and IT Drivers
• Design Patterns
• Customer Goals
• Architecture Concepts
• Use cases
• Technology Enablers

SEMINAR OBJECTIVES
This seminar is intended for those who wish to gain understanding of the fundamental considerations involved in developing a Database Cloud deployment strategy and how to apply them within an organization.

SEMINAR TOPICS
• Why Database in the Cloud is important
• Architecture of an Oracle Database Private Cloud
• Oracle Database Cloud Services
• Transforming your Oracle Database footprint into a Hybrid Cloud
• Database Cloud Manageability and Best Practices
• Building your personal roadmap to the Cloud
• The future of Oracle Database in the Cloud

TARGET AUDIENCE
DBAs, IT Managers, Architects

REQUIRED SKILLS
Familiarity with Oracle Database concepts and techniques
Familiarity with IT architecture
WHY SHOULD YOU ATTEND
This seminar will help you understand JAVA Cloud Service and SOA Cloud Service, two of the many Cloud computing offerings that have emerged over the past few years. These services are crucial for rapid application deployment and integration and they are now active and well adopted technologies in the industry. You will learn how to integrate into the Cloud with examples of both Java and SOA Cloud Services.

WHAT YOU WILL LEARN
• How to access the services
• How to manage users/roles
• How to create a Java Cluster in 5 clicks
• How to interact with the Java Instance
• How to quickly integrate into the Cloud with SOA Cloud Service
• The value of the Cloud simplicity
• The value of the Cloud scalability

SEMINAR OBJECTIVES
• Positioning the advantages of a new technology, linking any advantage to Oracle’s strategy.
• Help the customer to familiarize/visualize the simplicity and scalability of Oracle PaaS services

SEMINAR TOPICS
• New disruptive technologies
• Oracle and the Cloud
• Java in the cloud (tech lab)
• Integration with SOA Cloud Service (tech lab)

TARGET AUDIENCE
IT developers, Database Administrators, IT Managers, Architects

REQUIRED SKILLS
None
SEMINAR-3
MARCH 24TH | 9:30 – 17:00
HOW TO USE ORACLE APPLICATION EXPRESS IN THE CLOUD MOST EFFECTIVELY WITH ILOON WOLFF

WHY SHOULD YOU ATTEND
Getting started with Oracle Application Express is easy, but learning how to take full advantage has often proved difficult.

WHAT YOU WILL LEARN
This Masterclass will teach you a variety of Application Express skills and techniques that are of interest to both developers and those with a responsibility for APEX administration. The administration section will include the following topics: installation, upgrading, migration, backup and recovery, security, tuning, diagnostics and patching. The benefits of the Oracle Database 12c multitenant architecture will also be discussed. Connectivity options will be investigated, including an in-depth exploration of Rest Data Services. The Oracle Database 12c features that are useful in APEX will be examined followed by Application Express in the Cloud. Common APEX problems will also be discussed based on Iloon’s experience as the Global Technical Lead for APEX within Oracle Support Services.

SEMINAR OBJECTIVES
• Understand how to take full advantage of Application Express
• Learn Application Express best practices for database administrators
• Learn Application Express best practices for developers
• Learn to debug and troubleshoot in an Application Express environment from the perspective of a developer and an administrator

SEMINAR TOPICS
• Installation, upgrading and migration (DbaaS )
• Application Express in an Oracle Database 12c environment (DbaaS/ Database Schema Cloud)
• Rest Data Services (APEX Listener)
• Backup and Recovery
• Troubleshooting and Debugging
• Performance Considerations for Application Express Developer
• Application Express in a public Cloud environment and DbaaS

TARGET AUDIENCE
Application Express Developers and Database Administrators with knowledge of the basic concepts of Application Express
WHY SHOULD YOU ATTEND

Databases may be abused by either staff or external attackers. You will gain an appreciation on how to use core Oracle database audit features and acquire knowledge on how to fulfill necessary tasks using simple and structured ideas.

WHAT YOU WILL LEARN

You will learn how to confidently perform a security audit on an Oracle Database. This will start by exposing security vulnerabilities that may be exploited to attempt unauthorised access to Oracle Databases; where to look for these vulnerabilities, what to look for and why. You will be shown how a security audit is planned, how to prepare yourself, your staff and your environment. You will learn the fundamentals of how to review a database and why it is necessary. This will enable you to understand why something is an issue, how to verify that it is an issue and to understand the implications on your own databases and applications before using pre-built or commercial tools. The content of this seminar supports versions of the Oracle Database from 9iR2 through to 12c.

SEMINAR OBJECTIVES

- Understand audit goals
- Understand how to define audits
- Understand how to implement audits to gather the required information
- Learn how to protect and manage audits
- Learn how simple firewalls can be implemented

SEMINAR TOPICS

- Oracle security tools, checklists and more
- Planning an audit, setting up for an audit, gathering tools, prepping laptop, people, access
- Software installed, versions and attack surface
- Auditing the Oracle Database association with the file system
- Audit Oracle networking
- Audit the database configuration
- Specialist considerations, credit cards, personally identifiable data and more
- Review the audit trail
- Data analysis, vulnerability assessment

TARGET AUDIENCE

Database Administrators, Developers, Architects, Designers, Analysts and Consultants.

REQUIRED SKILLS

You should have a good working knowledge of PL/SQL and SQL, ideally gained as a Developer or Database Administrator.

For more information, assistance and registration, please contact your Oracle University Account Manager or our Oracle University France Service Desk:

Telephone: 0800 945 109
Email: education_fr@oracle.com
WHY SHOULD YOU ATTEND

This seminar presents a troubleshooting strategy tightly coupled with design. If you know how something should have been designed, you can do a better job of addressing the problems of a system in production. Jonathan will provide a strategic look at how to identify performance problems, and how to use Oracle tools to access the wealth of information collected in the dynamic performance views (v$ and x$).

WHAT YOU WILL LEARN

You will learn how to identify the critical cause of a problem and the best way to address that problem - this means being able to recognise where the resource threat is, and why that threat matters. The seminar teaches you how to address commonly occurring problems and how to apply generic “quick fixes” that can often be to patch a badly performing system. Jonathan will explain how Automatic Workload Repository (AWR) and Statspack capture and report useful information from the dynamic performance views, and learn how to use the default reports to best effect. You will also understand how to analyse the information that is being presented, thus knowing how to act under time-pressure to avoid following wrong clues or failing to notice inconsistencies in the symptoms Oracle is reporting.

SEMINAR OBJECTIVES

- Recognise that some problems occur outside the database and cannot be fixed by doing anything to the database
- Identify such cases confidently
- Learn key structural approaches to the Oracle database and coding strategies that eliminate unnecessary overheads
- Learn a strategy for dealing methodically with any of the three main types of performance issue and improve the speed with which root causes can be identified
- Understand more of the information available through the v$ and x$ dynamic performance views and how to read summaries and cross-sections of this data
- Comprehend and cross-check the information that we can get from Statspack or the AWR reports

SEMINAR TOPICS

- Design strategies
- Basic configuration
- Assessing features
- Dynamic Performance data
- Reading Statspack / AWR

TARGET AUDIENCE

Database Administrators who need to identify performance problems on an ad hoc basis and who advise developers on the best strategies for using the Oracle RDBMS.

REQUIRED SKILLS

Familiarity with the basic concepts underpinning Oracle Database, writing SQL and reading execution plans. Attendees should know about the AWR or Statspack, even if they have not previously used them, and be aware of the existence of the ‘dynamic performance views’.
WHY SHOULD YOU ATTEND
To learn how to design a system to get data into and out of it efficiently and also to learn to improve the performance of a production system by attacking inefficient SQL.

WHAT YOU WILL LEARN
Jonathan will explain the pros and cons of various structural options as they become relevant to the SQL. You will learn methods of reviewing data distribution patterns, use of indexes, use of views (stored and inline, mergeable and non-mergeable), analytic functions, subquery factoring, as well as statistics and hints. Execution plans will be briefly reviewed.

SEMINAR OBJECTIVES
• Recognise the importance of seeing the business function in the SQL and making the SQL as easy to read as possible
• Recognise how the data volumes and distribution are an important part of the knowledge you need if you are going to write efficient SQL
• Comprehend the strategy for first-cut design of new SQL and debugging of existing SQL
• Understand where and why it may be necessary to control the optimizer by using hints

SEMINAR TOPICS
• Structural Optimisation
• Addressing the problem, not the SQL
• Making the SQL readable
• A strategy for designing and debugging the SQL
• Writing SQL to bypass current limitations of the optimizer
• Sundry strategies for common problems

TARGET AUDIENCE
Database Administrators or Developers/Designers who:
• need to ensure that the SQL arriving at the database operates efficiently
• have a strong interest in the Oracle database engine
• have worked with the Oracle Database for at least 3 years

REQUIRED SKILLS
Delegates should have some experience with the general syntax of SQL and be aware of the general structure of select statements. A little familiarity with reading execution plans would be beneficial, but is not a strong pre-requisite.

For more information, assistance and registration, please contact your Oracle University Account Manager or our Oracle University France Service Desk:
Telephone: 0800 945 109
Email: education_fr@oracle.com
ALL SEMINARS WILL BE HELD AT:

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Fax: +33 (0) 1 40 68 50 43

REGISTRATION AND ASSISTANCE

One registration pass will get you access to all seminars.

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