Oracle
Cloud Day

IT EXPERTS TRACK

Running Mission-Critical Applications on Oracle Cloud Infrastructure

High-performance computing, AI, 3D rendering and visualization, and many traditional enterprise applications require a level of peak performance and predictability that has traditionally been difficult to emulate in the public cloud. In this session, you will learn how Oracle Cloud Infrastructure offers a platform for running performance-intensive applications by providing better performance, predictability, and consistency than most dedicated, on-premises environments—all while offering industry leading price/performance. Come hear how three Oracle Cloud Infrastructure customers experienced benefits ranging from new revenue streams to entirely new business models.

Mitigating the Top Five Cloud Security Mistakes

One of the most misunderstood aspects of the cloud is determining where the cloud service provider's security responsibility ends and your responsibility begins. The Oracle and KPMG Cloud Threat Report indicates less than half of surveyed organizations could correctly identify their IaaS security responsibilities. Join this session to learn the top five cloud security mistakes organizations make, and how to mitigate them using Oracle's autonomous security solutions. Learn how to best prevent, detect, and respond to the top risks to your hybrid cloud environment, including misconfigurations, data loss, shadow IT, and more. We'll also share an insider's view of the top questions to ask your cloud service provider to best protect your organization.

One Bot to Rule Them All

Too many mobile apps to download? Too many chatbot skills to track? Learn how Oracle Digital Assistant can help you build chatbot skills for ERP, HR, financial, or any other back-end systems, and bring them together to deliver cross-functional, proactive engagements in one digital assistant to rule them all.

Managing Hybrid Clouds with Machine Learning

Managing and securing a dynamic hybrid cloud can be challenging, especially when using many silo-specific tools manually stitched together. The increased complexity and human effort often results in slower time to market, lower service levels, and gaps in security.

In this session, you'll learn how an integrated monitoring, management, and analytics cloud service, powered by machine learning, can automatically provide complete, real-time visibility across your hybrid estate. Oracle Management Cloud helps customers improve IT stability, prevent application outages, and harden security across their entire application and infrastructure portfolio.

Your Journey to Cloud—Starting from Where You Are

To leverage the advantages of cloud, organizations must have a strategy and plan for moving to the cloud. What workload should you put into the cloud? What about your existing on-premises implementations? How can you be sure to maximize your use of both environments? Explore the various stages of the journey to the cloud and how to define your own roadmap to cloud. With the new advances in Oracle Cloud Platform autonomous services, Oracle provides a self-driving, self-securing, and self-repairing cloud platform. See how Oracle's complete, open, and autonomous offering gives you the broadest choice for implementing in a cloud, while helping reduce risk, lower costs, and accelerate your innovation.

*The abstracts are subject to change.

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ARCHITECTS AND INTEGRATORS TRACK

Experience the Future Now with Oracle Autonomous Database Cloud

Organizations are under tremendous pressure to lower cost, reduce risk, and accelerate innovation. Join us to learn how Oracle Autonomous Database Cloud is helping customers to achieve these business objectives by leveraging the most valuable currency of the company—data. With its innate self-driving, self-repairing, and self-securing capabilities using machine leaning, all stakeholders including executives, business users, and data analysts can now gain instant insights for smarter business decisions, and IT can deploy applications in minutes for faster innovation. In this session, we will walk you through the three unique services in the Oracle Autonomous Database portfolio—Oracle Autonomous Data Warehouse, Oracle Autonomous Transaction Processing, and Oracle Autonomous NoSQL—that support all types of workloads, from data warehousing to transaction processing, reporting, and IoT. Discover why Larry Ellison calls Oracle Autonomous Database "the most important thing we have done in a long time."

Strategies to Lift and Shift Your Oracle Applications and Innovate with PaaS

Are you grappling with the question, to move or not to move? But you still need to drive rapid innovation, reverse data center sprawl, and streamline your business operations? Moving Oracle Applications, ISV applications, and custom applications to Oracle Cloud has helped customers improve business results by increasing workload performance by 2x, slashing infrastructure costs by 60 percent, and speeding up business processes by 5x. With 100 percent compatibility between on premises and the cloud, moving your applications is seamless. In this session, get insight into how and why customers moved their enterprise application workloads to Oracle Cloud. Learn about the challenges they overcame and how they improved customer experience or added new revenue streams with Oracle Autonomous Cloud.

How Can Business Really Use Blockchain?

After all of the experimentation with blockchain in the last few years, are enterprises ready to move to real-world deployments in 2018? IDC forecasts US$2.1B in WW spend on blockchain technologies and implementations. We'll share a number of these examples and explain what's driving the use cases, what challenges companies are working to address, and how blockchain technology is evolving to provide greater performance, scalability, security, manageability, and plug-and-play integration capabilities to meet the needs of the enterprise. Do you want to learn how some companies have been able to move beyond proof of concept and use blockchain with their core enterprise applications and processes? Join us as we discuss the enterprise possibilities of blockchain, the market landscape, how some enterprises are taking advantage of these new capabilities, and what it will take for your organization to successfully integrate blockchain into business-critical enterprise processes.

Integrate Your Cloud Applications and Data Faster

The explosive growth of SaaS applications that need to be connected to existing on-premises data is the precursor to all successful digital transformation projects including mobile, chatbots, blockchain, and IoT. Attend this session to learn how to seamlessly modernize your integration and hear how Oracle customers like you are rapidly deploying new autonomous Oracle Cloud–based integrations to securely connect their business.

Achieving Your Cloud Goals with Enterprise Architecture

It's a fact: Next-generation innovation comes from the cloud. Whether you started with enterprise native lift and shift or building cloud native applications with new tools, techniques, and services, you are faced with ensuring enterprise performance and reliability. Oracle's next-generation cloud innovations, such as autonomous databases and AI-based systems and security management, were built to uniquely bring you the enterprise reliability you expect for your most demanding operations. In this session, Oracle Enterprise Cloud Architects will share their best practices in planning, designing, and executing cloud architectures for migrating, modernizing, and managing enterprise portfolios onto Oracle Cloud Platform and Oracle Cloud Infrastructure.

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DATA PROFESSIONALS TRACK

Unlocking Your Data's Potential

The data explosion is causing unprecedented challenges for IT and business, including increased security risks, stifled performance, and spiraling maintenance costs. But this massive data influx also presents an opportunity to extract potentially game-changing insights from that data. Oracle Autonomous Data Warehouse can help eliminate issues and enable you to start new analytics projects in minutes, not weeks. In this session, we'll show you how the data warehouse uses machine learning to secure and optimize itself without human intervention. Plus, we'll demonstrate how Oracle Autonomous Data Warehouse and Oracle Analytics Cloud come together to offer the ultimate unified platform for enriched data and powerful data visualizations, helping you to drive smarter business decisions.

Real-Time Predictive and Actionable Analytic Insights

Gain real time insights at the Speed of Thought with Analytics. Speed has become the basis of competing effectively. People not only want fast food, fast trades, fast cars, but also fast profits, fast platforms, fast processes, and fast analytics. Moving fast is the essence of business transformation. Faster, equals market advantage—slower, is falling behind—but speed without quality can be disastrous. With Oracle Analytics Cloud, self- service analytics drives business agility for faster time to insights, augmented analytics with machine learning enables smarter decisions, and next generation analytics meets all your business needs. This session will provide an overview of Oracle Analytics Cloud and customer benefits.

Data Science and Machine Learning: Maximizing Value

Data science is the critical element in exploiting data, but several problems prevent organizations from maximizing its value. Data scientists often find it hard to work efficiently, with delays to get access to needed data and resources. Enterprise developers find it hard to incorporate machine learning models into their applications, and IT spends too much time supporting complex environments. All of this means that business executives are not seeing the full ROI they expect from their data science investments. See how Oracle Data Science Cloud can address these problems and more, making sure that you reap competitive advantage and get high value from your investments in data and data science.

How Oracle Autonomous Database Makes Your Life Easier—Behind the Scenes

What does *autonomous* really mean, and why do we need it? If you're looking for an answer to this question, this session is for you. We'll cover the many benefits of autonomous capabilities and invite you to take a peek under the hood for a deep dive into the machine learning algorithms that power Oracle Autonomous Database. You'll learn exactly how Oracle uses machine learning to monitor, manage, secure, and optimize the database, so you can focus on more high-value tasks and elevate your position from data administrator to data professional.

Shorten Time to Value with Simplified Big Data

Data is the raw material for all analytics, from dashboard to machine learning. Organizations have struggled with monetizing this data due to complexity of big data environments and the skills required to operate them. In this session, learn how Oracle Big Data Platform dramatically simplifies this process and enables you to put all of your data to productive use. You no longer have to be an expert in big data to take advantage of it. Topics covered include data ingestion, data lake management, data science and machine learning, as well as integration with other Oracle PaaS services.

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DEVELOPERS TRACK

How Chatbots and Blockchain Can Put an End to Buyer's Remorse (Keynote)

Cloud development is at full speed, and Oracle is adding more and more platform services and infrastructure capabilities to run all sorts of workloads, including not only Oracle, but also open source and 3rd party technologies. In this keynote, you will learn how developers are leveraging disruptive technology like Blockchain, adopting smart user interfaces with conversational AI by coding Chatbots. Plus, this keynote is full of demos for you to understand modern cloud development.

Container Native Application Development (Hands-on Lab)

The Oracle Cloud Container Native Application Development workshop will walk you through the process of registering for an Oracle Cloud Trial, moving an existing application into a containerized CI/CD pipeline and deploying it to a managed Kubernetes service in Oracle Public Cloud.

Cloud Coach Office Hours

Throughout the afternoon, highly skilled Oracle Solution Engineers—Cloud Coaches—will be available to assist you with your development journey. If you have a question related to application development on Oracle Cloud, a Cloud Coach will be there to help.

Cloud Native Application Development Keynote

Cloud native development encompasses a constantly evolving set of practices and emerging technologies. Today, containers are the de facto standard way of packaging applications and Kubernetes is the leading platform for the deployment, management, and scaling of complex containerized applications. While containers dominate, serverless functions provide the promise of even more powerful abstractions and potentially greater efficiencies, leveraging the same underlying cloud native technologies. In this keynote, we will describe and discuss these two technologies and you'll see demos of them both in practice. First, we'll commit a change to an application running in a managed Kubernetes cluster on Oracle Cloud, and then we'll make a similar change to an application deployed to a serverless platform. We'll walk through the two workflows to compare and contrast the similarities and the differences between these two powerful cloud native technologies.

Developer Creative Lab: Oracle Code Card

Have some fun programming your own customizable Code Card. You'll receive this unique IoT card and we will help you start to program using Fn project serverless technologies. Cards have a Wi-Fi embedded chip, elink screen, and a rechargeable battery.

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