Engage with IBM experts and other customers to share best practices and experiences with 3000+ InnerCircle members from 450+ companies.

**Education**
Access to 300+ SMEs and over 160 sessions covering 11 topics including Cloud, Collaboration, Customer Engagement, Data & Analytics, Dev, IBM Research, Technology Infrastructure, IOT, Mobile, Security & Watson.

**Networking**
Enjoy a relaxing lounge where you can expand your skills, find inspiration & grow your network.

*InnerCircle sessions are restricted to InnerCircle participants and require a confidential disclosure agreement. InnerCircle is an inclusive event for C-level, senior executives, technical leaders and practitioners. Contact your IBM account rep or email icircle@us.ibm.com for details.
<table>
<thead>
<tr>
<th>Topic</th>
<th>Session number</th>
<th>Title</th>
<th>Abstract</th>
<th>Date</th>
<th>Time</th>
<th>Speakers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cloud</td>
<td>CLD-1180</td>
<td>How Cloud and Cognitive is Empowering Telstra Customers to Connect</td>
<td>Telstra, Australia's largest telecommunications and media company, builds and operates telecommunications networks and also markets voice, mobile, internet access, pay television and other entertainment products and services. Telstra has adopted a Cloud Right strategy, encompassing both its internal transformation as well as creating and delivering new products to its large customer base. Telstra has selected IBM as a strategic partner, embracing the breadth of the IBM Cloud portfolio. Telstra is also actively engaging with IBM to explore how new technologies, such as AI, will empower Telstra customers to connect; for example, through IT and client service management.</td>
<td>Tue, 20-Mar</td>
<td>10:30 AM - 11:10 AM</td>
<td>John Romano, Telstra, Client; HEIDI L. Lees, IBM, IBM Employee; Arun RAJENDRAN, IBM, IBM Employee; Caroline RAJ, IBM, IBM Employee</td>
</tr>
<tr>
<td>Cloud</td>
<td>CLD-1189</td>
<td>Deliver Enterprise Kubernetes and Cloud Foundry in Your Private Data Center with IBM</td>
<td>With IBM Cloud Private, you can deliver elastic, cloud-like capabilities within your data center using a preassembled, scalable, highly available Platform-as-a-Service with a blend of enterprise Kubernetes and Cloud Foundry. Out-of-the-box, IBM Cloud Private is designed to seamlessly integrate with your data center's operational best practices and deliver a broad catalog of IBM and open source middleware as containers. In this session, we'll show you how you can turn your own private data center into your own private cloud.</td>
<td>Wed, 21-Mar</td>
<td>08:30 AM - 09:10 AM</td>
<td>Robin R. Hernandez, IBM, IBM Employee; Michael Elder, IBM, IBM Employee</td>
</tr>
<tr>
<td>Cloud</td>
<td>CLD-1258</td>
<td>IBM Payments Development Directions</td>
<td>We are designing a new architecture for the cognitive era. Our new architecture has four dimensions rich with tools, power and processes designed as an integrated whole to win the hearts and minds of developers. Come find out what this means for IBM's Payments Offerings.</td>
<td>Wed, 21-Mar</td>
<td>10:30 AM - 11:10 AM</td>
<td>Michael Hudson, IBM, IBM Employee; Paul Hanily, IBM, IBM Employee</td>
</tr>
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Empowering Cloud Native Application Developers

Building cloud native applications is one of the best ways for organizations to quickly deliver new applications. While cloud native applications offer significant advantages, embracing cloud native development methodologies and architectures can be intimidating at first. Technologies such as DevOps, microservices and containers can be complex and require lots of tedious configuration when deployed manually—but it does not have to be this way. The IBM Cloud App Service takes the complexity out of building cloud native applications, so your company stop wasting time on configuration tasks and start building the applications your customers are demanding.

The IBM Rational DevTest Platform

IBM Rational is focused on helping your teams to develop and test software. This means supporting teams developing for modern technology such as Blockchain, mobile and Watson, but which may also be evolving and testing software for legacy technologies such as “green screens.” During this invitation-only InnerCircle session, we will discuss our research, strategy and development plans for the IBM Rational toolset, and listen to the experiences, thoughts and ideas that you bring from your own projects and challenges. Come share and explore with your peers and the IBM leadership team.

IBM Cloud SQL: Introduction and Roadmap

You will be hearing and seeing a lot at Think 2018 about the new IBM Cloud SQL service. Come to this session where we'll reveal to you the larger agenda and capabilities that we are working on, and give you a peak behind the curtain at how IBM Cloud SQL actually works.
IBM Operational Decision Manager automates enterprise decisions with business rules, across all aspects of your business. Clients have done this for more than a decade in your data centers, integrated into your applications, in your batch jobs and as decision services and APIs. ODM has been made available in the Cloud, in different forms and shapes. You will find the ODM technology in SaaS form in the public cloud with ODM on Cloud and Decision Composer, as easily deployable containers in IBM Cloud Private and IBM Containers, leveraging Docker and Kubernetes. Let's share where we want to go and what (r)evolutions are in front of us next, and hear from you what you need for the next decade.

No matter what application you are working on, identity and access management are pillars of its security. Be it a mobile app, web app, API, cloud function or container, you will want to know who the end user is, and then ensure that this particular user is authorized to use your backend and cloud resources. This session will describe present and intended capabilities on IBM Cloud that can help your dev team to focus on the business, by making it easy for them to add the required identity, authentication and authorization, and leverage it to create personalized user experiences. You will have an opportunity to engage with presenters and peers and share thoughts, insights, concerns and experiences.

The secret to the success of the IBM UrbanCode product family has been the tight collaboration with our customers. Since the 2013 acquisition, InnerCircle has been the most important event of the year for customer interaction, with typically over 25 customer accounts and 50 individuals participating. At Think 2018, the agenda will include roadmap reviews, design deep-dives and industry trend discussions.
<table>
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<tr>
<th>Cloud</th>
<th>CLD-2592</th>
<th>How IBM Cloud is Supporting the Automotive Digital Transformation at Daimler</th>
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<td>Join us to hear about strategic trends in the automotive industry and how cloud is the underlying technology for digital transformation in automotive. Hear firsthand about sample projects as well as the required conceptual, organizational and contractual foundation. See how a successful working model between IBM and customer might look, and the benefits of IBM as a strategic provider.</td>
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<td>Tue, 20-Mar 11:30 AM - 12:10 PM Martina Ruch, Daimler AG, Client; Hardy Groeger, IBM, IBM Employee</td>
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<tr>
<th>Cloud</th>
<th>CLD-2660</th>
<th>IBM Cloud Functions and Apache OpenWhisk: Key Concepts and Real-World Customer Examples</th>
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<td>IBM Cloud Functions is IBM's Function-as-a-Service (FaaS) platform based on Apache OpenWhisk, an entirely open serverless platform. During this presentation we are going to recap key concepts and strengths. We will show why (and how) different customers, all working on solutions falling into totally different domains such as cognitive, data, IoT, microservices, and mobile workloads, have decided to go for an IBM Cloud Functions-based serverless architecture. We will discuss different business cases, architectures, design considerations and economical benefits. We will highlight some of the key lessons learned so far. Finally, we will point out some of the latest technical additions that have been made.</td>
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<td>Thu, 22-Mar 10:30 AM - 11:10 AM Andreas Nauerz, IBM, IBM Employee; Michael Behrendt, IBM, IBM Employee</td>
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<tr>
<th>Cloud</th>
<th>CLD-2823</th>
<th>IBM Cloud Schematics Futures</th>
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<td>DevOps and managing &quot;infrastructure as code&quot; has become more than a fad or a buzzword—it's a critical component of time to value for enterprises delivering cloud applications. This session will focus on key roadmap and strategic items that will help your business deploy and manage cloud applications as they grow in complexity and scope.</td>
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<td>Tue, 20-Mar 04:30 PM - 05:10 PM Daniel Berg, IBM, IBM Employee; Dave Tropeano, IBM, IBM Employee</td>
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<tr>
<td>Cloud</td>
<td>CLD-3350</td>
<td>IBM Content Navigator and Its Strategic Role as a UX Framework for Digital Business Automation</td>
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<tr>
<td>Cloud</td>
<td>CLD-3482</td>
<td>Robotic Process Automation Roadmap and Direction</td>
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<tr>
<td>Cloud</td>
<td>CLD-3553</td>
<td>Shifting the Economics of Live Video Streaming</td>
</tr>
</tbody>
</table>
With the adoption of microservices, new problems emerge due to the sheer number of services that exist in a larger system. Problems that had to be solved once for a monolith, like security, load balancing, monitoring, and rate limiting need to be handled for each service. To solve these problems, IBM, Google, and Lyft jointly launched Istio, a new open platform to connect, manage, and secure microservices. Come learn about what's currently in the pipeline and what we are planning to build in the future to accelerate your business outcomes. As always, we would love to hear from you and find out about your specific business priorities.

Walgreens started a multi-year journey to reinvent its customer consent and preferences management system. Using an IBM product stack with Decision Server Events at its heart, Walgreens was able to deploy and run a very complex, event-based solution with high performance and resiliency. This talk will describe specifics of the solution.

Getting insight into how your business operates is key to enabling digital automation. In this session, we’ll discuss how we envision Operational Intelligence that allows you to capture all your business and operational data from the IBM Digital Business Automation platform (including BPM, ECM, ODM, RPA and Case Manager) and derive insights with intelligent dashboards, KPIs, SLA monitoring and business recommendations.

Join us to learn about how the latest enhancements to IBM BPM will accelerate your digital automation journey. We’ll also let you in on the next big things on our roadmap and get your feedback on our direction and strategy.
<table>
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<tr>
<th>Cloud</th>
<th>CLD-4707</th>
<th>BPM and Case Management: A Strategy for Enhanced Interoperability</th>
<th>Exciting things are happening with IBM BPM and IBM Case Manager. In this session, we'll discuss what this means for your enterprise and how this interoperability will provide more flexibility for building your next digital automation solution or enhancing an existing solution.</th>
<th>Thu, 22-Mar 09:30 AM - 10:10 AM</th>
<th>Allen Chan, IBM Canada, IBM Employee; Mike Marin, IBM, IBM Employee</th>
</tr>
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<tr>
<td>Cloud</td>
<td>CLD-4717</td>
<td>IBM Cloud Container Service Futures</td>
<td>Change is the only constant in the very dynamic container ecosystem. This session will focus on key strategical and roadmap items that will help your business move into the future. Topics will include high availability, security, containers, microservices, Docker and Kubernetes.</td>
<td>Mon, 19-Mar 01:00 PM - 02:00 PM</td>
<td>Christopher Rosen, IBM, IBM Employee; Jason McGee, IBM, IBM Employee</td>
</tr>
<tr>
<td>Cloud</td>
<td>CLD-4777</td>
<td>IBM Case Manager Roadmap and Direction</td>
<td>Join us to learn how the latest enhancements to IBM Case Manager will accelerate your digital automation journey. We'll also talk about what's coming on our roadmap and get your feedback on our direction and strategy.</td>
<td>Thu, 22-Mar 10:30 AM - 11:10 AM</td>
<td>Allen Chan, IBM Canada, IBM Employee; Rob Constable, IBM, IBM Employee</td>
</tr>
<tr>
<td>Cloud</td>
<td>CLD-5100</td>
<td>Hybrid Cloud Adoption Heuristics and Experiences</td>
<td>Hybrid cloud platform experts will share insights and guidance as well as answer questions in this panel. Expect to leave with the specifics needed to ensure successful adoption of a hybrid cloud in the areas of application platform, DevOps, integration and orchestration. The scope of the discussion will include public and private clouds as well as cloud native and cloud-enabled services used for building out solutions.</td>
<td>Wed, 21-Mar 11:30 AM - 12:10 PM</td>
<td>Andre Tost, IBM, IBM Employee; Eric N. Herness, IBM, IBM Employee</td>
</tr>
<tr>
<td>Cloud</td>
<td>CLD-5284</td>
<td>IBM Message Hub as Apache Kafka-as-a-Service for IBM Cloud: Technical Strategy</td>
<td>IBM Message Hub is Apache Kafka-as-a-Service for IBM Cloud. Join this session to understand the future technical direction for IBM Message Hub as we look to offer increased support for use cases that require significant scale and control for your event streams.</td>
<td>Tue, 20-Mar 12:30 PM - 01:10 PM</td>
<td>Andrew Schofield, IBM, IBM Employee; James Bennett, IBM, IBM Employee</td>
</tr>
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</table>
Cloud CLD-5329 IBM Operational Decision Manager Roadmap and Directions

Join us to learn how the latest enhancements in IBM Operational Decision Manager can accelerate your digital automation journey. We will also discuss the next big things that we are working on, and get your feedback. If you are an ODM practitioner or business sponsor, this is your chance to see what is coming and to engage with key product leaders to exchange ideas and help chart the product’s direction.

Tue, 20-Mar 12:30 PM - 01:10 PM
Stephane Mery, IBM, IBM Employee; Antony Viaud, IBM, IBM Employee


Artificial Intelligence can help you make intelligent decisions by turning insights it gets from your data into recommended actions. Machine learning helps you get a sense of what decision to make based on past data and statistical matching of a specific instance to historical cases. But for the decision to be relevant and compliant, you need to make sure your business rules are applied to it, enforcing the applicable regulations and business strategy that you, as an expert, want to impose on this unique case. This session describes what the Operational Decision Manager team is exploring to bring machine learning and formal logical rules closer together for better decisions across on-premise, cloud and z/OS platforms.

Thu, 22-Mar 08:30 AM - 09:10 AM
Pierre Feillet, IBM, IBM Employee; Nicolas Sauterey, IBM, IBM Employee

Cloud CLD-5439 Blockchain Automates Ecosystem-Level Business Processes: How IBM BPM and ODM Can Help

Blockchain is more than a buzzword; it’s a game-changer with the potential to revolutionize business operations across industries. Blockchain technology significantly affects a company’s business processes, becoming part of a multi-party automated process sharing a distributed transactional ledger. An essential part of implementing and adopting Blockchain is to rethink these processes and the decisions associated with them. IBM provides a suite of products to help enable this business transformation: IBM Blueworks Live fosters collaborative discovery of these new processes. IBM BPM automates participant-level processes. IBM ODM codifies and automates Smart Contracts so that they can quickly and easily be updated by business partners.

Tue, 20-Mar 02:30 PM - 03:10 PM
Stephane Mery, IBM, IBM Employee; Matthias Kloppmann, IBM, IBM Employee
<table>
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<tr>
<th>Cloud</th>
<th>CLD-5643</th>
<th>Building Consistency Across IBM's Kubernetes-Based Public and Private Clouds</th>
<th>Thu, 22-Mar 09:30 AM - 10:10 AM</th>
<th>Greg Hintermeister, IBM, IBM Employee; Eric N. Herness, IBM, IBM Employee</th>
</tr>
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</table>

It sounds dreadfully boring, but it's really quite exciting! Come learn about, discuss and debate our mission to build deep consistency across our Kubernetes-based public and private cloud. IBM Cloud Private is your untethered, expand-as-you-need cloud running in your data center, and building consistency with IBM Cloud Public's container service enables portability, true hybrid applications, Dev/Test across public and private, and other key scenarios that enable you to capitalize quickly on digital business transformation opportunities. In this session you'll learn what we've done and what we're planning, and it's your chance to shape what we should focus on next!

<table>
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<tr>
<th>Cloud</th>
<th>CLD-5906</th>
<th>Build and Deploy a Smarter City Solution on IBM Cloud or On-Premise with IBM Cloud Private</th>
<th>Thu, 22-Mar 09:30 AM - 10:10 AM</th>
<th>Rachel REINITZ, IBM, IBM Employee; Franck Boudinet, IBM, IBM Employee; Jérome Broccolichi, IBM, IBM Employee; Jean-Marc Du Saillant du Luc, Engie Ineo, Client</th>
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</table>

This session will present the business benefits, technical solution and direct experience of the implementation of a cloud native Smarter City solution with several deployment models, including public IBM Cloud as well as IBM Cloud Private for on-premise, as is often required in the public sector. The solution mixes components deployed as containers, Cloud Foundry apps and virtual machines. It will highlight some of the technical challenges handled by the IBM Cloud Garage team who implemented this solution, well as the benefits of using IBM Cloud Private. A demonstration of the solution will be shared as well.

<table>
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<tr>
<th>Cloud</th>
<th>CLD-5922</th>
<th>The Next Generation of IBM Cloud</th>
<th>Mon, 19-Mar 01:00 PM - 02:00 PM</th>
<th>Brian K. Martin, IBM, IBM Employee; Amod Bhise, IBM, IBM Employee</th>
</tr>
</thead>
</table>

This session will cover the changes being made to the common platform services around identity and access management, resource provisioning, console, billing, CLI and APIs. IBM Cloud is evolving to be not just an IaaS cloud or PaaS cloud, but to have an integrated set of capabilities that tie all of the services together. Learn about the changes recently made to IBM Cloud and the changes coming in the next twelve months.
Enterprise Content Management (ECM) is at an important inflection point as cloud, mobile, and artificial intelligence have altered the landscape. More than ever, business and IT leaders require flexible content management services that can be integrated with line of business systems to connect information silos, automate work, and deliver new value to customers. This session will discuss the vision and direction that IBM is taking in this space.

Key leaders from the IBM Cloud DevOps team explain how the IBM Cloud DevOps solution can help you rapidly enable your teams with preconfigured toolchains of IBM and other best-of-industry tools. Open Toolchain allows you to provision a toolchain in seconds, automatically configuring the integrations between the tools for you. You can design your own or choose from a set of recommended toolchains backed by documented best practices from the IBM Cloud Garage Method that help your teams use the tools effectively together. Also learn how Open Toolchain integrates lifecycle event information to enable development analytics about your software development process.

This session will describes IBM's hybrid cloud technical strategy spanning application platform, DevOps, integration, APIs, process transformation, monitoring and more. It will share recent innovations and selected future directions, with ample opportunity for feedback and discussion.
<p>| Cloud | CLD-6155 | Santander’s Comprehensive Roadmap for Cloud Adoption | Santander will share their experience collaborating with IBM to develop a comprehensive, deep cloud technology evaluation and adoption roadmap. Their evaluation and roadmap covers cloud platform, modernization of apps, cloud native app development, DevOps, site reliability engineering, security and compliance, and organizational change. Their adoption spans public and private cloud and has a global footprint. | Wed, 21-Mar 09:30 AM - 10:10 AM | Moe Abdula, IBM, IBM Employee; David Bliznakoff Del Valle, IBM, IBM Employee; Nduwuisi Emuchay, IBM, IBM Employee; Juan Antonio de la Fuente, Produban, Client; Luis Enriquez Matas, Grupo Santander, Client |
| Cloud | CLD-6327 | Cemex Speeds New App Development through API Creation | Cemex will share their experience creating an API layer to make existing assets easily accessible for new application development. The new app dev leverages the APIs with cloud services, such as Watson APIs, to drive new innovative application development. In this session, Cemex and IBM will share the details of their API transformation. | Wed, 21-Mar 03:30 PM - 04:10 PM | Moe Abdula, IBM, IBM Employee; Juan Murguia, Cemex, Client |</p>
<table>
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<tr>
<th>Cloud</th>
<th>CLD-6629</th>
<th>Announcing IBM Digital Business Automation: A Platform for the Future of Work</th>
<th>Mon, 19-Mar 08:00 AM - 02:30 PM</th>
<th>Brian Safron, IBM Employee; Raghuram TADIPATRI, IBM Employee; Feri Clayton, IBM Employee; Vijay Pandiarajan, IBM Employee; Michael Gilfix, IBM Employee; Ed Lynch, IBM Employee; Harley Davis, IBM Employee</th>
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<tr>
<td>Cloud</td>
<td>CLD-6683</td>
<td>IBM Cloud Garage Client Experiences</td>
<td>Wed, 21-Mar 04:30 PM - 05:10 PM</td>
<td>Rachel REINITZ, IBM Employee; Todd Watkins, XComP Analytics, Client</td>
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<td>The IBM Cloud Garage provides a prescriptive methodology for designing, developing, and deploying innovative applications on IBM Cloud. The Garage architects, designers, and developers partner with clients applying the IBM Cloud Garage Method to move from idea to running Minimal Viable Product (MVPs) code in 6 to 10 weeks. Working with the Garage team is a transformational experience spanning business and IT teams. In this session, several clients who have successfully developed and deployed MVPs will share their experiences with you.</td>
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Enterprise Challenges with the IBM Hybrid Cloud CTO Team

The IBM Hybrid Cloud CTO Team, led by IBM Fellow Eric Herness, is a well-seasoned, hands-on group of experts. Their collective histories span much of IBM’s heritage middleware offerings, and their current missions align with delivering hybrid cloud solutions for your enterprise workloads. Come share your scenarios and concerns. Ask the team your questions about application development, operations and solution architecture in a hybrid cloud environment, and how IBM Cloud Private enhances these scenarios.

Cloud and Garage Transformation at American Airlines and Bendigo and Adelaide Bank

American Airlines and Bendigo and Adelaide Bank are leading adopters of the IBM Cloud, transforming development by working with the IBM Cloud Garage and using IBM Cloud Garage Method. They are driving broader enterprise agile transformation, including significant organizational restructuring and skills development. They both have significant cloud native applications in production. Hear directly from the leaders who initiated and are driving these changes. They will share their experiences from gaining sponsorship to business cases to technology choices to overcoming organizational challenges, and beyond.

Building Cloud Native Applications on IBM Cloud: Putting the Pieces Together

Navigating the list of options available on the cloud can be overwhelming. This session will help you arrive at the best choices for building your application on IBM Cloud. We’ll walk through a variety of types of applications (web, mobile, cognitive, microservices and analytics) and discuss factors to consider. Upcoming IBM Cloud capabilities will also be described to help you better position your applications to leverage what’s next.
Our Roadmap to Accelerate Your Move towards Microservices, APIs and DevOps on z/OS

IBM Z is the premier computing platform to support a digital enterprise. However, the best practices as well as software architecture of many business applications inhibits fully exploiting the value of the business processes and enterprise data that resides on IBM Z. We will discuss latest improvements, work underway and the latest roadmap to help you incrementally move from monolithic applications towards an API economy leveraging microservices and DevOps practices, enabled by a hybrid cloud architecture. This approach also gives you the flexibility and ability to reduce risk by enabling microservices to be implemented in your language of choice, and run where most appropriate, whether on z/OS, Linux for z, or distributed platforms.

IBM MQ in the Cloud—Futures

The recent IBM MQ Statement of Direction described that "IBM intends to deliver an MQ offering in an IBM-administered cloud environment." Come along to hear what's next on this journey for private, public and hybrid cloud, and share your views to help shape the future!

The Future of an Event-Driven Enterprise

As you explore ways to open up new revenue streams and reach new customer segments, real-time data is becoming increasingly important. Almost always you’re fighting the challenge of latency, either in terms of a delightfully reactive and personalized experience for individual customers, or the latency between a situation occurring and being able to take meaningful action. You need these event streams to feed analytics, and to drive reactive applications. Come find out how IBM is going to help everyone unlock this hidden, real-time commodity and make it available to data scientists, developers and business partners—to become an event-driven enterprise.
<p>| Cloud | CLD-6958 | Messaging for Hybrid Cloud: MQ and MQ Appliance Updates and Futures | Both MQ and the MQ Appliance are essential parts of many customer environments, providing mission-critical enterprise messaging and offering a foundation on which to extend and build out a hybrid solution deployment supported by responsive messaging to connect applications and exchange data. This session will cover the near-term delivery plans for updates to MQ and the MQ Appliance—providing insight and early awareness about a significant new direction for MQ functionality, including what should be expected and how it will be delivered. The MQ Appliance will also get some appliance-specific new features and plans for these will also be shared. | Tue, 20-Mar 03:30 PM - 04:10 PM | David Ware, IBM, IBM Employee; Leif O. Davidsen, IBM, IBM Employee |
| Cloud | CLD-7035 | IBM Hybrid Cloud Management Strategy and Roadmap | In this session, we will talk about IBM's approach towards hybrid cloud management. This includes the automation and lifecycle management of workloads across multiple clouds and spans from enabling existing application architectures utilizing (IBM) middleware for the cloud, to the support for cloud native, microservices-based workloads. The described offerings utilize automation and orchestration capabilities, as well as operational tools, all combined into a central management plane. We will introduce some of the relevant technologies and product offerings in this space, position them against the overall strategy, and give an outlook for the future roadmap. | Tue, 20-Mar 03:30 PM - 04:10 PM | Andre Tost, IBM, IBM Employee; Ajay A. Apte, IBM, IBM Employee |
| Cloud | CLD-7685 | End-to-End Microservices | This session will discuss end-to-end architecture, development, and management of microservices applications. Topics include Kubernetes, Docker, site reliability engineering, Java, Node.js, and many others. | Wed, 21-Mar 01:30 PM - 02:10 PM | Roland Barcia, IBM, IBM Employee; Richard WILKINS, IBM, IBM Employee; Kyle G. Brown, IBM, IBM Employee |</p>
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<tr>
<th>Cloud</th>
<th>CLD-7813</th>
<th>IT as a Service and Beyond: The Hartford Cloud Journey</th>
<th>Wed, 21-Mar 11:30 AM - 12:10 PM</th>
<th>JoAnn Tan, The Hartford, Client</th>
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<td>In 2014, The Hartford and IBM broke new ground in the industry with one of the first true enterprise IT-as-a-Service operating models. ITaaS is a prerequisite for the new Cloud Operating Model where IT-to-IT service requests are dramatically reduced, where infrastructure as code has replaced high-maintenance service catalogs. The Hartford moved to the ITaaS operating model in 2014, and is now moving to the next operating model. Come hear lessons learned around ITaaS and how to plan for the Cloud Operating Model.</td>
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<td>Cloud</td>
<td>CLD-7898</td>
<td>Application Integration in a Post ESB World</td>
<td>Mon, 19-Mar 09:30 AM - 10:30 AM</td>
<td>Rob Nicholson, IBM, IBM Employee; Andrew Humphreys , IBM, IBM Employee</td>
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<td>Many organizations are recognizing that ESB is not the right integration pattern for many of the solutions they need to invest in, and are looking for patterns that better align to microservices and hybrid cloud deployments. Fortunately, integration technology is adapting to keep pace with these shifting application development architectures. In this session, we will explore how integrators can align their work with these newer architecture patterns, and specifically consider the complimentary nature of application integration and API management. Finally, we will review how both public and private cloud architectures can take advantage of these shifts.</td>
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<tr>
<td>Cloud</td>
<td>CLD-7899</td>
<td>IBM Application Integration/Integration Bus Roadmap</td>
<td>Mon, 19-Mar 11:00 AM - 12:00 PM</td>
<td>Ben Thompson, IBM, IBM Employee; Andrew Humphreys , IBM, IBM Employee</td>
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<td>IBM Integration Bus (IIB) has been a technology leader through various phases of the application integration market, including ESB, SOA, EII, etc. As the market continues to shift to hybrid cloud and microservices-aligned architectures, IIB will be taking some bold new steps in product and feature delivery. Come to this session to understand the emerging customer need for &quot;lightweight integration&quot; and the way IIB will adapt to this need. We'll also explore the benefits our customers will receive from the convergence of IIB with IBM App Connect into &quot;App Connect Enterprise&quot;—including the new graphical designer interface, a broad set of SaaS connectors, and new integration patterns.</td>
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Customers are accelerating their adoption of cloud integration technologies, especially as they transform business operations from applications they built in-house to SaaS applications such as Salesforce, NetSuite, Workday and the like. IBM App Connect provides a broad set of connectivity along with simplified tooling that accelerates productivity—even for individuals who have no former integration experience. Come to this session to understand more about our new data copy/batch features, and understand the upcoming innovations for cloud integration.

You probably heard about IBM Cloud Private, a platform for containerized, on-premises applications. This talk will explain the requirements to install IBM Cloud Private on a VMware environment and configure the storage required to run the applications.

Join the IBM Cloud Solution Architecture and Solution Engineering (CASE) team in this interactive, two-part session to explore IBM's view on successfully developing and deploying your workloads on a private cloud platform. Workload solutions include cloud native and microservices-based applications, migration of Enterprise Java workloads, multi-cloud integration solutions, and cognitive and data analytics. Part 1 starts with solution architects presenting prescriptive guidance, reference architectures and best practices for the platform and for each cloud workload. Based on your specific requirements and questions, you can then attend 1 of 5 60-minute follow-up sessions (7973, 7974, 7975, 7976 or 7977) that focuses on a specific topic.
Cloud CLD-7982 InnerCircle Workshop for Communication Service Providers

This Communications Service Providers full-day workshop is a forum where selected IBM service provider clients come together to: share experiences with each other on how they are leveraging IBM solutions in their day-to-day operations; meet the IBM team that owns the solutions, develops and architect the solutions and sets the roadmap and directions for the solutions; and provide feedback to this IBM team to help set the priorities for the roadmap in the coming months and years.

Mon, 19-Mar 08:00 AM - 03:30 PM
Joakim Tenlen, IBM, IBM Employee; Denis Murphy, IBM, IBM Employee

Cloud CLD-7989 InnerCircle Workshop on Hybrid IT Operations and DevOps

The Hybrid IT Operations and DevOps full-day workshop is a forum where selected IBM clients come together to share experiences with each other and discuss how they are leveraging the IBM solutions day-to-day to modernize and optimize existing application environments that cover the range of Applications Insights (infrastructure and application performance management, the transition and adoption of DevOps practices and tooling for cloud native applications) and Operations Insights (just-in-time operations management for more flexible application delivery). Come meet the IBM team that sets the directions and designs and develops the solutions, and provide feedback to this IBM team to help set priorities and roadmap.

Mon, 19-Mar 08:00 AM - 03:30 PM
Aaron Tobin, IBM, IBM Employee; Mike Mallo, IBM, IBM Employee; Jim Carey, IBM, IBM Employee
In this InnerCircle session, we will discuss continuous delivery and management of hybrid cloud solutions for IBM Cloud Private. As part of this session, we will cover deployment into hybrid environments; monitoring of infrastructure, containers, microservices, applications and application components; management of consolidated events; and more. This session will provide details of IBM’s solution and its directions, and how it applies to DevOps teams and Hybrid Service Management teams. Provide feedback on best practices for DevOps and Service Management tools and procedures for getting your IBM Cloud Private workloads into production.

IBM Aspera is an award-winning, high-speed data transfer technology. In this session, we will present the IBM Aspera vision, innovations, and product strategy around high-speed data transfer and streaming in a hybrid cloud environment. IBM Aspera technology is also used extensively for data transfer across multiple clouds and is a key part of IBM Cloud Integration strategies.

Mon, 19-Mar 09:30 AM - 10:30 AM
Ciaran Ryan, IBM, IBM Employee;
Michael Kaczmarski, IBM, IBM Employee

Tue, 20-Mar 10:30 AM - 11:10 AM
Jason Gartner, IBM, IBM Employee
The future of WebSphere is on-premise and in the cloud. WebSphere ND remains a critical part of on-premise infrastructure. The needs of digital transformation demand a path to the cloud. Help shape the WebSphere ND and IBM Cloud roadmap in this interactive discussion. We will lift the curtain and show you the current plans for WebSphere ND, the latest security capabilities and how we expect to evolve the WebSphere Application Service in IBM Cloud. This session will cover roadmaps for security, WebSphere in IBM Cloud and WebSphere ND. We seek your feedback on features under consideration, and also to steer the direction of future enhancements. Come share your needs for expanded on-premise capabilities and the pathway to the cloud.

Organizations need to become more cloud native, but security and compliance challenges are preventing them from transitioning some workloads to the public cloud. These organizations need the security of their own firewall, but need to gain the agility and scalability that the cloud provides. IBM Cloud Private supports all phases of the workload lifecycle, from DevTest and staging to production, while meeting compliance and regulatory requirements and while leveraging your existing investments. Attend this session to get a deeper dive into the IBM Cloud Private future strategy and roadmap. Make your voice heard and help steer the direction where IBM takes its private cloud capabilities in the future.
Utilizing Embedded Business Rules to Dynamically Accelerate Fraud Detection at PayPal

PayPal’s Risk and Compliance management platform enables users to send secure and trusted digital payments instantaneously across 200 countries. How does PayPal achieve this, especially, in today’s environment of sophisticated fraud? PayPal built an in-house, end-to-end platform out of necessity, which has now become a competitive advantage. This platform accelerates real-time fraud detection to safely process a $282 billion annual payment volume. PayPal is innovating deep analytics and dynamic embedded enterprise rule processing to rapidly respond to emerging fraud patterns, then deploying into an event driven, fast data, in-memory architecture to accelerate detection, reduce losses and achieve near-continuous availability.

IBM Cloud Object Storage—Cloud Transactions

Cloud Transactions aim to bring cross-service, consistent updates to the IBM Cloud—effectively, a strong memory model for the cloud platform. Our goal is to both enable previously impossible workloads and to reduce the complexity today’s weak consistency forces on application developers. Other cloud providers have recognized these problems and are beginning to roll out standalone services (such as Azure CosmosDB and Google Cloud Spanner) featuring strong consistency, but right now IBM has the opportunity to be the first to introduce a new cloud development paradigm built on transactional cloud APIs.
Cloud Education

**CLD-8364 IBM WebSphere Future Directions**

More has changed in and around IBM WebSphere over the last year than at any time since we created the platform, including the contribution of both Open Liberty and the IBM JVM as open source projects—the largest open source contribution IBM has ever made. We talked about this direction at InnerCircle last year, while providing a first glimpse at the IBM Cloud Private and Microservice Builder support for WebSphere. We also paid close attention to the feedback we got. Come along to this year’s session on WebSphere direction to hear, before everyone else, where we’re heading and help us set that direction.

**Cloud Education**

**CLD-8387 IBM API Connect Futures**

Learn how microservices, containers and container orchestration are being used to meet the multi-cloud deployment and scaling needs of clients in the latest release of IBM API Connect. We’ll cover best practices for API Connect “V.next” deployments and changes versus version 5.x to help plan a successful deployment. We’ll also cover key investment areas for 2018.

**Cloud Education**

**CLD-8388 IBM DataPower Gateway Futures**

From Docker support to multi-cloud support to API multi-tenancy, a new high-performance release and the latest hardware refresh plans, come and learn how IBM DataPower has been evolving to meet the highest performance, security and scalability needs of our clients.
Cloud CLD-8423 Leveraging Hybrid Cloud Capabilities for Building a Banking Virtual Agent

Virtual agents are becoming a necessary part of customer-facing applications, enabling a style of interaction that can improve customer satisfaction and reduce internal costs. Customers today are expecting this new style of engagement, not only on the traditional web and mobile channels, but also through voice interactions going well beyond the typical IVR. Integration to back-end systems is key for a successful enterprise virtual agents. This session will explore the use of hybrid cloud facilities such as WebSphere Liberty, API Connect, IBM Cloud Private and Voice Gateway in building out these kinds of agents. The currently deployed solution architecture and the future state architecture will be the basis for this discussion.

Wed, 21-Mar 10:30 AM - 11:10 AM
Fernando Zuliani, IBM, IBM Employee; Eric Andersen, IBM, IBM Employee

Cloud CLD-8594 A Look at Bradesco's Digital Transformation

Bradesco's digital transformation encompasses a recently launched digital bank, the transformation of its digital channels and its open banking strategy. Client journeys and experiences are the core of the decision process, and Bradesco uses cognitive capabilities to better understand their clients. Bradesco's hybrid IT journey enables both the flexibility and elasticity to grow their channels exponentially, and the use of analytics to enable their digital strategy. Bradesco is cloud-enabling applications through microservices and extending its big data platform to cloud. This flexible architecture is the foundation for Bradesco as a platform, opening the bank to integrate with apps and FinTechs.

Wed, 21-Mar 10:30 AM - 11:10 AM
EDUARDO PATROCINIO, IBM, IBM Employee; Walkiria Marchetti, BRADESCO, Client; CINTIA SOCOVINE BARCELOS DE SOUZA, IBM, IBM Employee
How do clients successfully adopt cloud and drive organizational change today? Partnering with IBM, they are accelerating cloud adoption and modernizing heritage systems with emerging technologies, recognized best practices, and services. Successful cloud adoption requires significant change to people, culture, processes, and technology—delivered incrementally and fast. Come find out how others have done it with IBM. Hear from clients across industries in this dynamic session as they address questions like: "What is driving your cloud adoption?" and "How do you identify business imperatives for transformation and innovation?"

Join fellow InnerCircle clients and IBMers for the opening reception and networking in the InnerCircle Lounge.

With the growing percentage of apps being delivered from the cloud, maintaining a robust and consistent suite of application services will become more and more important. The IBM Cloud for VMware Solutions will extend its portfolio of application services in 2018 to focus on availability, identity and access, performance and security. Security-specific services include web application firewall (WAF) and application behavior analytics. Hear how IBM Cloud is building the most compelling, fully compatible environment for VMware workloads, and how we are utilizing deep industry expertise, strategic partnerships and the latest technological advances to provide flexibility and choice to extend, migrate and secure your applications in the cloud.
Move your Domino applications to the cloud using our new managed service: Domino Applications on Cloud (DAoC). We provide secure hosting for one or many of your applications while maintaining all the capabilities you have today on-premise. IBM can support your move to the cloud by providing the cloud hosted and managed servers, Domino administration support, and Domino application development support. In this session, you'll learn about our DAoC service, what level of operational support we can provide, and we can support your unique security and functional requirements in the IBM Cloud!
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<tr>
<th>DAT 1302</th>
<th>Fast and Efficient Object Recognition on Satellite Images Using IBM Power AI and Neural Networks</th>
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<td>A government has issued a challenge around locating vehicles on commercial grade satellite images. IBM has responded with a solution based on PowerAI, neural networks, patent-pending image processing and million of images for training the system. The same solution can be used in other contexts, such as medical ultrasound imaging, the oil industry or any industry with low-resolution images. In this talk, the creator of the innovation will explain the context and the approach, as well as the PowerAI platform, multi-GPU optimization that resulted in a sub one-hour training of the neural network.</td>
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<td>Mon, 19-Mar 09:30 AM - 10:30 AM</td>
<td>Marc Fiammante, IBM, IBM Employee</td>
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<th>DAT 1504</th>
<th>Using IBM Enterprise Content Management with Docker Containers</th>
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<td>Whether it is on-premise, private cloud, public cloud or hybrid cloud, the IBM Enterprise Content Management (ECM) container platform enables customers to quickly and easily deploy ECM containerized components. Adopting ECM containers leverages the scalability, resiliency, manageability and monitoring built into the Docker orchestration platform; e.g., Kubernetes. In addition, ECM containers include WebSphere Liberty support and enhanced open source monitoring built into the container image.</td>
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<td>Wed, 21-Mar 01:30 PM - 02:10 PM</td>
<td>Kevin Trinh, IBM, IBM Employee; Marc Velasco, IBM, IBM Employee</td>
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<th>DAT 1727</th>
<th>End User Computing Governance</th>
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<td>End User Computing (EUC) is a growing issue for many organizations. With the rise of many regulations calling for EUC to be governed more closely, we examine an approach to understanding the EUC landscape and quantifying the effects on the business. We’ll also link the discussion to other governance disciplines (such as operational risk management, IT governance and model risk governance) and to reducing the impact of EUC governance issues through migration to enterprise software or incorporating EUC management tools.</td>
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<td>Wed, 21-Mar 11:30 AM - 12:10 PM</td>
<td>James Melville, IBM, IBM Employee</td>
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About five years ago, Optum made an executive decision to transform healthcare by using data and sophisticated analytics to help consumers make optimal decisions with respect to their health. Fast-forward to today: Optum’s technology and service partnerships with IBM have allowed the organization to create real-time health recommendation engines at scale that deliver the right offer to the right member through the right channel at the right time. The result: an improved consumer experience and better health outcomes.

In this session, attendees will hear about the future release plans, strategy and architectural direction, and product roadmap for IBM Datacap. The Datacap team will share vision and direction around cognitive capture, and how Datacap is leveraging Watson technologies and machine learning to launch the next generation of cognitive capture solutions.

Understanding customer needs based on their feedback is essential for improving quality on all areas within an enterprise. Because of the amount of data involved, BMW needed to change from manual evaluation to machine learning sentiment analysis. This session will share how BMW is collecting all its customers’ feedback from almost 100 countries into one cube, which enables them to report across all topics and regions. Going forward, BMW can see relationships within customer data and take action in near real-time.
Join this strategy discussion on IBM DataStage and Unified Governance (IBM Information Server) deployment using containers and Kubernetes. We will showcase how clients are leveraging new deployment models within their clouds or integrating with their DevOps pipelines. We'll also discuss how DataStage can be deployed as part of IBM Cloud Private for ease of container management. See a live demo of deploying IIS and using it in "less than two minutes" to explore a knowledge graph search with Shop For Info, which provides tailored and more relevant search results. Experience DataStage dynamic scalability with scale-up/down and scale out/back—all in less than a minute.

IBM BLU Acceleration is currently one of the most compelling reasons for SAP customers to migrate to Db2. This session provides an overview of recent Db2 BLU proof of concept results that we performed with SAP customers in Europe and North America. Besides massive performance improvements for SAP Business Warehouse reports and ETL processing, Db2 BLU also helps to further reduce the storage footprint of already compressed databases. In addition, we will show some IBM internal SAP BW/Db2 benchmark results of the new function pushdown capabilities that are available with Db2 and the latest SAP BW release 7.50. The goal of this new, data-centric processing approach is to move more computations from the SAP layer into the Db2 database.
Data and Analytics DAT-7140 Taming the Meeting Monster with Watson and Machine Learning

Have a busy schedule and many meetings a day? Our work calendars can be overwhelming and unmanageable. Learn how we use Watson and machine learning to tame the meeting monster. Our solution uses the IBM Data Science Experience to understand and analyze calendar data so we can create, train and deploy machine learning models. Using the latest Watson and Apple CoreML technology, we put everything together in an iOS mobile app. Find out how to quickly manage your day by seeing what meetings are important to join, reschedule meetings, and even find free time to block! The solution can even automatically recommend meetings that you should attend and the best way to join, be it in-person or online.

Tue, 20-Mar 01:30 PM - Charisse Y. Lu, IBM, IBM Employee; Paschalis Tsolakidis, IBM, IBM Employee; BEHZAD DOGAHE, IBM, IBM Employee

Data and Analytics DAT-7161 Leverage the Most Valuable Data in the World with Data Science Experience Local

The most valuable data in the world is behind the firewall. Learn how to beat the competition with IBM Data Science Experience Local, the platform that runs entirely behind the firewall, no outbound Internet connection required! Leverage the features and user experience of the public cloud offering in your private cloud environment. Perform analytics directly on your systems of record: relational databases and HDFS filesystems. Integrate with existing on-premise systems like LDAP and SMTP servers, Apache Spark, Apache Kafka and GitHub Enterprise. Take advantage of built-in high availability, scale resources as needed, and monitor it all with the admin dashboard. Start the digital transformation journey with DSX Local today.

Tue, 20-Mar 04:30 PM - Mihai Nicolae, IBM, IBM Employee
Leverage the Most Valuable Data in the World with Data Science Experience Local

The most valuable data in the world is behind the firewall. Learn how to beat the competition with IBM Data Science Experience Local, the platform that runs entirely behind the firewall, no outbound Internet connection required! Leverage the features and user experience of the public cloud offering in your private cloud environment. Perform analytics directly on your systems of record: relational databases and HDFS filesystems. Integrate with existing on-premise systems like LDAP and SMTP servers, Apache Spark, Apache Kafka and GitHub Enterprise. Take advantage of built-in high availability, scale resources as needed, and monitor it all with the admin dashboard. Start the digital transformation journey with DSX Local today.

Unlock the Power of Your Data with the Build-Once, Deploy-Anywhere Simplicity of Db2

Today's market demands flexibility in development and deployment. Db2 and the common SQL engine provides build-once, deploy-anywhere simplicity. Combined with deployment options including on-premises, private cloud, hosted public cloud, and managed public cloud, there's never been a better time to leverage IBM's hybrid data management capabilities. Come learn about what's new in the common SQL engine and help guide the future direction of development to enable your next-gen applications.
### Data and Analytics

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<tr>
<th>DAT-7903</th>
<th>Automated Data Governance at Great West Lifeco</th>
<th>Thu, 22-Mar 01:30 PM - 02:10 PM</th>
<th>Brenda McKenna, Great West Lifeco, Client; Peter Bornath, Great West Lifeco, Client</th>
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<td>Like you, we face the typical challenge of balancing a strong need for regulatory compliance with the need to leverage data for competitive advantage. Starting from zero, a group of dedicated data professionals strove to ensure the team was seen across the organization as data innovators by driving data adoption, automating data governance and management services, and creating demand for data that is unprecedented. The session will deep-dive into our data adoption plan, cover our innovative data policy and architecture approach, and close with a discussion of the impressive automation that allows us to spend more time innovating with the business.</td>
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<th>DAT-7977</th>
<th>Develop a Hybrid Cloud Machine Learning Solution with Data Science Experience on IBM Cloud Private</th>
<th>Mon, 19-Mar 01:00 PM - 02:00 PM</th>
<th>Sandra Tucker, IBM, IBM Employee; Jerome Boyer, IBM, IBM Employee</th>
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<td>Session 7972 is a prerequisite for this follow-on session. Here we cover how to integrate a data science methodology and tools inside IT architecture, focusing on data preparation and on developing a machine learning model or optimization model to add value to your business application. We will show how IBM Data Science Experience on IBM Cloud Private (ICP) can help you quickly set up a collaborative data science platform. We will also address data preparation challenges and model integration, along with functional and non-functional aspects of ICP deployment.</td>
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<th>DAT-8383</th>
<th>Making Sense of the Data Lake: Daimler Trucks and Machine Learning</th>
<th>Wed, 21-Mar 09:30 AM - 10:10 AM</th>
<th>Florian Lutz, IBM, IBM Employee; Johannes Hohenbichler, Daimler AG, Client</th>
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<td>Using IBM’s Data Science Experience (DSX) and IBM Watson technology, we implemented a machine learning project with Daimler Trucks to reduce the amount of work needed for validating new truck variants. Unlike the current solution, which requires extensive experience to identify potential assembly space issues, we applied machine learning algorithms to learn from existing data. This approach drastically reduces the amount of work needed by identifying relevant information and predicting potential issues early on. In this talk, attendees will gain an understanding of how machine learning can be used to implement a working solution with IBM DSX to improve business outcomes—all within a couple of weeks.</td>
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How Advanced Analytics is Revolutionizing the Viewing Experience at the Tour de France

How do you use data and analytics to change the way fans experience the world’s largest annual sporting event? Dimension Data is helping Amaury Sport Organisation (ASO) use technology to engage cycling fans, viewers and the media in the digital world. Peter Gray joins us from the Tour de France to share: How IoT technology makes the revolutionary viewing experience possible; how the live digital platform, cloud analytics and global collaboration was all made possible; and how machine learning and predictive analytics gave followers new levels of insight about team strategy and tactics at every stage of the race. Come explore how this kind of innovation can be replicated in many other organizations and industries.

I Need My App Users to Login: Scenarios, Roadmap and Roundtable

You know you need your users to first sign in, be it to a mobile app, web app, API or microservice. But authentication and authorization are not something to take lightly, and your dev team is looking for IBM Cloud to do the heavy lifting. This session presents several existing and roadmap scenarios where IBM Cloud services such as App ID can be used to authenticate your users, authorize backend access, and manage user profiles. You will have an opportunity to engage with presenters and peers and share thoughts, insights, concerns and experiences. Knowledge of OAuth, OIDC or SAML is not a prerequisite—IBM Cloud has made it very simple.

Help Drive the Direction of Open Source Development Tools for Traditional z/OS Development

This session will discuss what open source tools should be considered for support when it comes to building and managing traditional z/OS applications. What tools currently in use for the distributed teams would help if they supported COBOL or PL/I and traditional z/OS environments.
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<tr>
<th>Dev</th>
<th>DEV-3767</th>
<th>IBM Tape Update: An Overview</th>
<th>This confidential session will give a Developer Management's view on the IBM Tape portfolio, recent announcements and upcoming deliveries.</th>
<th>Wed, 21-Mar 04:30 PM - 05:10 PM</th>
<th>Mark Hill, IBM, IBM Employee</th>
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<td>Dev</td>
<td>DEV-4462</td>
<td>DevOps for Enterprise Systems</td>
<td>This is your opportunity to help drive IBM’s direction for Enterprise DevOps. What capabilities will give you the most value? The session will begin with a vision for DevOps and a drill-down into how the IBM products (including Rational Team Concert and UrbanCode Deploy) fit together to provide an end-to-end DevOps pipeline. It will also cover using Git with IBM Dependency Based Build. We will then explore several other areas, starting with Application Discovery and Delivery Intelligence, moving to IBM Application Delivery Foundation for z Systems, unit testing, and IBM z/OS development and test environments. Lastly, we will discuss languages and the compilers available on z/OS to help set the direction for future development.</td>
<td>Mon, 19-Mar 08:00 AM - 03:30 PM</td>
<td>Rosalind Toy Allen Radcliffe, IBM, IBM Employee</td>
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<td>Dev</td>
<td>DEV-4802</td>
<td>An Insiders View of IBM's Node.js Contributions and Strategy</td>
<td>Node.js is one of the most popular runtimes for cloud and cognitive applications. Come learn about this runtime, the community around it, and how IBM is actively working in the community to support IBM platforms and to address the areas/requirements important to enterprise customers. We’ll provide: 1) An introduction to the Node.js runtime, along with key features/benefits; 2) An introduction to the Node.js community and how it works to get things done; 3) An explanation of the work IBM is doing to ensure Node.js is enterprise-ready; and 4) Insight into IBM’s Node.js initiatives.</td>
<td>Wed, 21-Mar 01:30 PM - 02:10 PM</td>
<td>Michael Dawson, IBM, IBM Employee; S. J. Wallin, IBM, IBM Employee; John Duimovich, IBM, IBM Employee</td>
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</table>
WebSphere Liberty is the next-generation application server for microservices. Since last year, we have delivered new APIs for developing microservices from Eclipse MicroProfile, allowing for config, metrics, healthcheck and fault tolerance. The code for WebSphere Liberty was also released under an open source license. A lot happened and changed in 2017, so come along to hear what is in the future for WebSphere (and Open) Liberty.

Using data-driven techniques to improve your development process is the future. We have developed IBM Cloud DevOps Insights, which mines data from tools along the DevOps toolchain and uses advanced analytics and machine learning to derive insights about the DevOps process. We are working with leaders in academia to develop analytical models to apply to this data. At IBM, we are using these insights to predict errors, analyze risk and improve how our teams work together. We have applied these to many of our open source and enterprise project teams. Come and ask us about data-driven DevOps.

Hear how Rational Application Developer (RAD) can help developers create, test, debug and deploy new applications in their own, Eclipse-based IDE. Learn about the investment to support current and future WebSphere Application Server, WebSphere Liberty and WebSphere Portal releases with robust unit test and code coverage tooling for JavaScript and Java. Hear how developers can use their favorite CLI tool with the new integrated framework, right in their IDE. Hear what we’re doing around Docker, Node-RED, Cordova and more. HCL has been trusted by IBM to continue to invest in RAD and invest in our RAD customers, offering new features and capabilities on a regular cadence. We’re excited to share our current investment roadmap at this session.
### Dev  DEV-6806  Rational Software Architect Designer: Model-Driven Development with Today's Expectations Delivered

What's new in the UML space? Come hear about the new tools and techniques for working with microservices and Swagger specifications in Rational Software Architect Designer. Teams will appreciate the new Design Room Live! integration, which provides a live whiteboard to take your sketches to fully functioning models in a collaborative interactive space. If Design Manager architecture hasn’t been able to scale to your needs, come hear about the new architecture to replace existing Design Manager functionality. We will also iterate over our current roadmap with you, our users, to get your perspective on what our priorities should be to meet your needs. Come to this session to lend your voice to our 2018 RSAD roadmap.

**Mon, 19-Mar** 09:30 AM - 10:30 AM  
Kimi Cousins, HCL, IBM Business Partner; Sandeep Katoch, HCL, IBM Business Partner

### Dev  DEV-7973  Practical Enterprise Java Workload Migration with IBM Cloud Private

Session 7972 is a prerequisite for this follow-on session. We will cover the practical knowledge and expertise required to migrate your traditional IBM middleware workloads onto newer, cloud native, container-based counterparts like IBM Cloud Private (ICP) and other Kubernetes-supporting systems. Existing containerized and as-a-service IBM middleware offerings will be covered in-depth, along with a look to the roadmap for future, yet-to-be-announced containerized middleware solutions. If you are looking to reduce cost, complexity, and overhead of traditional middleware workloads and want to get started on your cloud adoption strategy, whether that is on-premises with ICP or public cloud, this is the session for you.

**Mon, 19-Mar** 11:00 AM - 12:00 PM  
Rick Osowski, IBM, IBM Employee; Jesus Almaraz, IBM, IBM Employee
Dev DEV-7975 Improve TTV with Cloud Native Applications on IBM Cloud Private

Session 7972 is a prerequisite for this follow-on session. Here we will cover the theory and implementation practices for microservices architecture, automation-driven continuous delivery, and DevOps methods. These form the foundation for high-speed delivery of resilient, cloud native applications. Attendees will benefit from a deep-dive discussion to leverage IBM Cloud Private (ICP) features like Helm-based package management, and Logging and Monitoring to run cloud native workloads. This session also covers future, to-be-announced ICP features as they relate to running cloud native applications.

Mon, 19-Mar 02:30 PM - 03:30 PM
Rick Osowski, IBM, IBM Employee; Jeffrey Kwong, IBM, IBM Employee; FABIO A. GOMEZ, IBM, IBM Employee

Dev DEV-8005 An Interactive Workshop/Behind-the-Scenes Tour: IBM Cloud Garage Method Brings Ideas to Production

The IBM Cloud Garage Method is IBM's way of scaling DevOps with the speed and innovation of a startup while meeting enterprise demands for scalability, flexibility and quality. Hear how we are using design thinking to create MVPs and use continuous integration, continuous delivery, and small deliveries to our site using the IBM Cloud. After identifying the biggest inhibitors to transformation, we will give you a sneak peek at our team combines Design Thinking, Lean, Agile and DevOps practices to deliver the Garage Method site to overcome these inhibitors.

Thu, 22-Mar 09:30 AM - 10:10 AM
Shereen Ghobrial, IBM, IBM Employee; Roland Koo, IBM, IBM Employee

Dev DEV-8011 Strategies for Using Modern Programming Languages in the Enterprise

Digital transformation is driving requirements at an unprecedented pace for development teams. As a result, they must embrace new application platforms such as Java, Node.js, and Swift. This session explains how these modern languages can be used with existing business-critical software assets (written in COBOL, C++, or PL/I with CICS, IMS, Db2...) and will solicit client input on the following directions: 1) Usage scenarios for using Node.js and Swift; 2) Business priority for interoperability with different components on Z (CICS, IMS, etc.); 3) Potential pricing/packaging models for future offerings; and 4) Solicitation of sponsor users.

Thu, 22-Mar 08:30 AM - 09:10 AM
Shereen Ghobrial, IBM, IBM Employee; Roland Koo, IBM, IBM Employee
What's happening with Java? With IBM's open-sourcing of its world-class JVM, dramatic changes in delivery frequency of Java SE and Oracle's contribution of Java EE to an open source foundation, so much is changing in the Java world. In this session, you'll learn about IBM's view of what's driving these events and hear how the future of Java is unfolding. This talk will cover practical topics such as release cadence, support models, etc.; as well as more forward-thinking topics such as key challenges and technology directions arising from new workloads and usage patterns for Java in a cloud and cognitive world.

The day-to-day role of the developer is changing. Business imperatives are driving faster dev cycles, delivering innovation at a faster pace and reducing time to business value. This has resulted in development adopting agile methods and DevOps as best practices. New programming models and microservice architectural patterns allow developers to streamline deployment via fast, repeatable, iterative dev and deploy cycles enabled by new cloud infrastructure like containers. We'll dive deeper into the new Microclimate dev tools platform integrated into cloud, which enables you to develop and deploy apps while leveraging cloud developer services with intelligent, cognitive-supported developer tools.
This session will provide an update from the Watson Talent Team on the latest development and insight, shared exclusively with InnerCircle attendees. What is the latest news about the Watson Talent products? What are the insights we gained jointly with our engaged early adopting customers? What is the Watson Talent team going to tackle next as we continue our training of Watson for talent, competencies and jobs? Learn how we established governance and new research through our I/O psychology team, and discover the new opportunities that are emerging through cognitive solutions and services for employees, HR professionals, developers and business leaders.

Recently, cognitive systems such as IBM Watson have made great strides in impacting many fields. This has unleashed a torrent of innovation in cognitive systems that encompass a broad spectrum of computer science and engineering, from hardware infrastructure to software stack to "as-a-Service" platform layer to data layer and cognitive applications. This talk will overview the anatomy of a true cognitive system that lives and breathes in the cloud. It will cover how Watson has rearchitected its platform to leverage Cloud Developer Services, Container Cloud and AI Platform, which is shared among all the Watson Services. We also will cover the AI Platform components and their significance to speed of delivery for Watson.
Ideas about human disability are undergoing a transformation in the hands of developers. Working with cognitive and cloud computing tools, innovators are stepping up to tackle and solve the world’s toughest medical challenges through the delivery of software applications at scale. Hear from an innovation ecosystem—IBM, Darwin Ecosystem, Not Rocket Science, and Watson's youngest cognitive programmer, Tanmay Bakshi—as they discuss how their collaborative efforts are leading toward a life-altering cognitive solution that could bring a quadriplegic woman the ability to communicate with the world, fulfilling a mother’s quest to improve her daughter’s life.

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Session 7972 is a prerequisite for this follow-on session. Here we will cover the practical knowledge and expertise required to develop a cognitive application using Watson Conversation and Discovery services, with hybrid integration to add context to the human interactions. We will present best practices with IBM API Connect, backend services and the broker pattern used to implement the business logic as microservices to support an integrated, scalable solution. We will address functional and non-functional aspects and IBM Cloud Private deployment. If you are looking to understand how to add cognitive capability using existing traditional middleware workloads or business process, choose this session.

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**Watson**

**GTV-3540**

**Cognitive Innovation Unlocks a Mother's Impassioned Quest**

Wed, 21-Mar 02:30 PM - 03:10 PM

Tanmay Bakshi, Algorithmist, Neural Network Architect, and Author, Not yet a client; Thierry Hubert, Darwin Ecosystem LLC, IBM Business Partner

**GTV-7976**

**Develop Hybrid Cognitive Applications with IBM Cloud Private and Watson Services**

Mon, 19-Mar 11:00 AM - 12:00 PM

Jerome Boyer, IBM, IBM Employee; Sunil Dube, IBM, IBM Employee
IBM Support is a global, 24x7 operation supporting thousands of products with millions of customer interactions. According to Gartner, by 2022, 72% of customer interactions will involve emerging technologies such as machine learning applications, chatbots or mobile messaging. IBM is leveraging analytics, cloud and cognitive technologies to transform its support operations and deliver seamless, personalized support to clients—when, how, and where it is needed. Join us to hear about IBM's vision and journey, and share your feedback on how we are transforming the customer service experience.

**Watson GTV-8783**

**Transforming Customer Support: IBM's Journey and Your Feedback**

**Wed, 21-Mar**

**10:30 AM** - **Brad Schauf**, IBM, IBM Employee; **Bob McDonald**, IBM, IBM Employee; **Christopher Desforges**, IBM, IBM Employee

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Join the IBM Support team to learn how we are applying cognitive computing to resolve clients’ problems across over 7,000 products. By integrating Watson services and APIs together with Salesforce Service Cloud, we are helping clients resolve problems on the spot and assisting Support Agents in working through complex problems with daunting amounts of data. In a world where high-speed times call for high-speed responses, IBM clients and IBM Support Agents are augmented by the integration of the best in cognitive computing—IBM Watson—to continue raising the bar on client satisfaction and complex problem resolution.

**Watson GTV-8869**

**Watson In Support**

**Tue, 20-Mar**

**02:30 PM** - **LILY RYZEBOL**, IBM, IBM Employee

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**Tue, 20-Mar**

**10:30 AM** - **Brad Schauf**, IBM, IBM Employee; **Bob McDonald**, IBM, IBM Employee; **Christopher Desforges**, IBM, IBM Employee
Join the IBM Support team to learn how we are applying cognitive computing to resolve clients’ problems across over 7,000 products. By integrating Watson services and APIs together with Salesforce Service Cloud, we are helping clients resolve problems on the spot and assisting Support Agents in working through complex problems with daunting amounts of data. In a world where high-speed times call for high-speed responses, IBM clients and IBM Support Agents are augmented by the integration of the best in cognitive computing—IBM Watson—to continue raising the bar on client satisfaction and complex problem resolution.

Learn how IBM used design thinking to create a new a way for internal and external teams to collaborate, aided by Watson. See how our new mobile and web solution helps support teams, incident management teams, B2B partner and sales teams and other enterprise teams rapidly reach their outcomes. Learn how we combine the power of Watson, an integrated set of universal collaboration apps and specialized solutions like ServiceNow, SalesForce and other key enterprise tools to increase customer satisfaction, reduce the time to resolve support issues, increase sales and lower costs.

Learn how IBM used design thinking to create a new a way for internal and external teams to collaborate, aided by Watson. See how our new mobile and web solution helps support teams, incident management teams, B2B partner and sales teams and other enterprise teams rapidly reach their outcomes. Learn how we combine the power of Watson, an integrated set of universal collaboration apps and specialized solutions like ServiceNow, SalesForce and other key enterprise tools to increase customer satisfaction, reduce the time to resolve support issues, increase sales and lower costs.
<p>| Internet of Things | IOT-1829 | IoT Security: How to Navigate the Operational Minefield | As the Internet of Things is deployed across a wide range of industrial, consumer, and business environments, security requires careful attention. While many of the challenges in IoT security are similar to the challenges of securing information technology (IT) computing environments, there are special considerations due to the scale, operating conditions, system capabilities, and wide range of device types that are used in IoT solutions. Further, these systems, by connecting the electronic and physical worlds, must address both operations technology (OT) security and information technology (IT) security. In this session, we will discuss considerations and strategy to securely deploy IoT solutions and successfully manage risk posture. | Mon, 19-Mar 01:00 PM - 02:00 PM | James Murphy, IBM, IBM Employee; Jeff Achtermann, IBM, IBM Employee; Timothy J. Hahn, IBM, IBM Employee |
| Internet of Things | IOT-2503 | Future Interaction Models with a Watson Assistant | In this session, we will introduce a new cloud SaaS service that allows businesses to quickly build their own Watson-powered personal assistants. Future people-centric IoT solutions will require a seamless experience, enabling multi-modal interactions (e.g., voice, text, gesture, image, etc.) with applications and devices. We seek feedback on these directions as well as new technologies, such as portable cognitive profiles across multiple domains, and how to enable end users to exploit deep learning based reasoning engines via a programming model based on the event-condition-action paradigm to develop proactive solutions. Finally, we want to also get feedback on our semantic models of the world described via ontologies. | Tue, 20-Mar 01:30 PM - 02:10 PM | Gabi Zodik, IBM, IBM Employee; Asaf Adi, IBM, IBM Employee |
| Internet of Things | IOT-2604 | Augmenting Continuous Engineering Products with AI Capabilities, Requirements Management | MORNING: This session will examine opportunities to apply artificial intelligence (AI) techniques to the data inside the IBM Continuous Engineering tools. Participants will help to prioritize and identify requirements for these solutions. AFTERNOON: This session will explore the current requirements management roadmap and explain our strategic direction in detail. Attendees will have opportunity to engage with offering management discussing and prioritizing key use cases that will influence development efforts through 2018. Participants can select a different afternoon session if desired. | Mon, 19-Mar 08:00 AM - 03:30 PM | Daniel Moul, IBM, IBM Employee; Stella LIU, IBM, IBM Employee |</p>
<table>
<thead>
<tr>
<th>Internet of Things</th>
<th>IOT-2605</th>
<th>Embracing SAFe for Lean Enterprise Transformations</th>
<th>The IBM Continuous Engineering solution, which includes Rational Team Concert, Rational DOORS Next Generation, and Rational Quality Manager, as well as reporting and modeling tools, helps customers transform their enterprises with out-of-the-box capabilities that embrace lean and agile principles and practices to enable adoption at scale across an organization. Join the Continuous Engineering Offering Management team in a collaborative discussion about the vision and strategy for expanding support for enterprise scaled agile in our tooling, with a focus on ease of use and expanded features to provide a spectacular user experience for both practitioners and administrators. Come help us prioritize our roadmap!</th>
<th>Mon, 19-Mar 12:15 PM - 03:15 PM</th>
<th>Amy Silberbauer, IBM, IBM Employee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Internet of Things</td>
<td>IOT-2611</td>
<td>Tracking, Planning, and Software Configuration Management, Digital Twin</td>
<td>MORNING: Hear directly from our product and development team about our vision for Rational Team Concert. We will share our roadmap and strategies around IoT, DevOps, SaaS, agile/SAFe, scalability, usability and reuse. Engage with lead developers discussing and prioritizing key use cases that will influence development efforts through 2018. AFTERNOON: Come hear IBM's plans to exploit cognitive computing and semantic networks as key enablers to a digital twin/thread that will connect ALM, PLM, manufacturing and operations to realize cross-silo value propositions. Engage with offering leaders and explore how IBM Digital Twin solutions can work for their business needs. Participants can select a different afternoon session if desired.</td>
<td>Mon, 19-Mar 08:00 AM - 03:30 PM</td>
<td>Keeranoor Kumar, IBM, IBM Employee; Rolf Nelson, IBM, IBM Employee</td>
</tr>
<tr>
<td>Internet of Things</td>
<td>IOT-2617</td>
<td>Model Based Engineering</td>
<td>This session will explore the current Model Based Engineering roadmaps and explain Watson IoT Continuous Engineering strategic direction in detail. Attendees will have the opportunity to engage with lead developers discussing and prioritizing key use cases that will influence development efforts through 2018.</td>
<td>Mon, 19-Mar 08:00 AM - 03:30 PM</td>
<td>Graham Bleakley, IBM, IBM Employee</td>
</tr>
</tbody>
</table>
What's New and Next for the Watson IoT Platform

Come hear about the latest developments in the Watson IoT Platform and what the offering team and architects have in store next. We will cover the futures in Connect, Information Management, Analytics and Risk Management.

Tue, 20-Mar 02:30 PM - 03:10 PM  Bernard Kufluk, IBM, IBM Employee; Xiaoping (XP) Chen, IBM, IBM Employee

IoT for the Insurance Industry: A Business and Technical Deep Dive

This session will be a deep dive into IoT for Insurance. It will cover the business drivers as well as discussing the technical architecture, deployment models, and analytics needed. It will also review the current roadmap and prioritize requirements based on customer feedback.

Thu, 22-Mar 09:30 AM - 10:10 AM  Philip L. Schwartz, IBM, IBM Employee; Brian Massey, IBM, IBM Employee

Creating a Safer Workplace: Roadmap and Technical Overview

This session will be an open discussion of business and technical aspects for providing a safer workplace. The requirements and offering roadmap will be reviewed and prioritized based on participant feedback, and a technical architecture overview will be provided. The goal of this session is to gain insight from customers regarding your needs, and ensure the offering is advancing in a direction that will best support your success.

Tue, 20-Mar 03:30 PM - 04:10 PM  Asaf Adi, IBM, IBM Employee; Brian Massey, IBM, IBM Employee

IoT and Cognitive Computing at the Edge—What's Next?

Call it "edge," "fog," "mist" or whatever—there's a growing move to exploit the increasing computation capabilities of systems attached to the cloud. In this session, we'll explore what's going to happen next, in IBM and beyond, in this exciting area.

Wed, 21-Mar 03:30 PM - 04:10 PM  Peter Niblett, IBM, IBM Employee
Internet of Things  IOT-6037  Watson IoT for Automotive Deep Dive and Roadmap—for Connected Vehicles Join us for an open discussion with the product management team of the Watson IoT for Automotive solution for connected vehicles. Find out more about the current offering, how clients are using it, how it fits in IBM’s overall Connected Vehicle Platform, and what’s next. Wed, 21-Mar 09:30 AM - 10:10 AM  Stephen Perun, IBM, IBM Employee

Internet of Things  IOT-6862  Got Complex, Real-Time IoT Applications? Check Out RSARTE! Are you part of a team that is building IoT embedded applications with state-based communication as a central part? Are you using model-driven development to automatically translate into production source code—C++, perhaps? Many teams are using Rational Software Architect RealTime Edition (RSARTE) to minimize this complexity and produce higher-quality code faster and with a standardized code style across an organization to ensure performance, security and reliability. Come lend your voice to our 2018 RSARTE roadmap. HCL has been trusted by IBM to continue to invest in RSARTE and invest in our RSARTE customers, offering new features on a regular cadence. We’re excited to share our current investment roadmap at this session. Mon, 19-Mar 08:00 AM - 09:00 AM  Mattias Mohlin, HCL, IBM Business Partner; Kimi Cousins, HCL, IBM Business Partner

Internet of Things  IOT-7565  Zifo—The Intelligent Personal Assistant Powered by IBM Watson Zifo is a physical device like Google Home or Amazon Alexa. It has intelligence to learn from our activities based on conversation, location, etc. Zifo uses voice queries and voice interaction to answer questions, provide traffic and weather updates (using IBM Watson Weather), and make recommendations (by running AI and IBM Watson Analytics on conversation and information). This intelligent device has goals: Remember, Remind and performs actions. It is capable of controlling various smart devices and home automation systems. It can also help automate our routine work—like checking emails, getting meeting locations, checking traffic, or turning on/off lights or heating/cooling—based on time of day, weather and more. Thu, 22-Mar 08:30 AM - 09:10 AM  Sivanandham Perumalsamy, Sirius, IBM Business Partner
### Internet of Things

**IOT-7574** Utilizing IBM Watson IoT Capabilities to Create an Intelligent Workplace with Ricoh

Come hear about transforming the next-generation "Intelligent Workplace" by embedding natural language command and control capabilities into connected office products. IBM and Ricoh will jointly present an Intelligent Meeting Management solution using Watson IoT capabilities embedded into a Ricoh Interactive Whiteboard (IWB). We will also discuss the impact of extending these offerings to all of Ricoh's office products, and the transformation of the Intelligent Workplace.

**Details:**
- **Date:** Wed, 21-Mar
- **Time:** 01:30 PM - 02:10 PM
- **Speakers:** Brian L. Dalgetty, IBM, IBM Employee; Jason Dizzine, RICOH USA, INC., Client

### Mobile


In this session, the IBM leadership team will present what's next in the cloud and cognitive journey using IBM Cloud mobile capabilities. The presentation will be a comprehensive coverage of all mobile services aimed at digital developers and architects, and will illustrate how the Mobile Developer's Console can help you leverage the IBM Cloud to get an app up and running in minutes. The presentation will also provide a deep dive on each of the services Push, Analytics, App Launch, and Mobile Foundation, and will conclude with a roadmap for each service.

**Details:**
- **Date:** Mon, 19-Mar
- **Time:** 08:00 AM - 09:00 AM
- **Speakers:** Daniel Yellin, IBM, IBM Employee; Girish Dhanakshirur, IBM, IBM Employee; Brett King, IBM, IBM Employee

**MOB-3935** Mobile Portfolio Feedback Session

As IBM transforms its MobileFirst approach into a broader IBM Mobile story, hundreds of clients continue to benefit from mobile offerings like IBM Mobile Foundation, IBM Push Notification Service, Mobile Analytics Service, Mobile Foundation on IBM Cloud (Docker/Kubernetes) and mobile boilerplate. This session will start by sharing the latest updates from all IBM Mobile products and IBM Cloud services. Then we will facilitate an open discussion to receive feedback from our IBM clients, and conclude with a Q&A session hosted by the IBM Mobile leadership team.

**Details:**
- **Date:** Wed, 21-Mar
- **Time:** 08:30 AM - 09:10 AM
- **Speakers:** Daniel Yellin, IBM, IBM Employee; Girish Dhanakshirur, IBM, IBM Employee
Mobile MOB-4609 Real-Time Collaboration in the Complex Aircraft Turnaround Process at Lufthansa

In the aviation industry, the turnaround process refers to all the services provided between an aircraft arriving at a gate and departing on its next flight. Speed and accuracy minimize turnaround time and contribute directly to an airline’s profit. How can cockpit, ramp and gate employees gain transparency on turnaround process status and clearances? How are third-party providers integrated? See how Lufthansa and IBM are creating a solution for real-time collaboration across different job roles to achieve exactly that. Deep-dive into the app design and learn about the technical solution with near real-time updates. As part of the Apple/IBM partnership, Lufthansa, one of the world’s most renowned airlines has teamed up with IBM.

Mobile MOB-7482 A Proposal For Revolutionizing the Patient-Doctor Relationship

MobileOdyssey has developed an app that assists medical practitioners in creating personalized treatment plans. This app creates a unified and secure platform on which the doctor can enter historical patient data and get practical treatment information. MobileOdyssey's platform analyzes user-entered data using Watson APIs. Furthermore, with this application, patients can enter their health information and daily lifestyle choices so their medical provider can better track their progress in the recovery process and make more informed decisions based on the patient's real-time reactions to the treatment. Come to this session to see a live demo and learn about the vast impact that cognitive computing could soon have on the medical field.
Customer Engagement RCE-2945 Watson Real-Time Personalization: What Does Personalization Mean to Your Business?

Watson Real-Time Personalization (WRTP) is an IBM Watson Customer Engagement application that enables marketing users to test and deliver content that is optimized and tailored for each customer across multiple channels, and based upon a real-time understanding of the customer’s profile, history and behavior. The purpose of our session is to discuss what personalization means to your business and how it can be implemented through customer journey stages and across multiple channels. This session provides a great opportunity to tell us about your personalization needs and to learn how other organizations are using it today.

Tue, 20-Mar 04:30 PM - 05:10 PM
DANIEL B. GRIFFETH, IBM, IBM Employee;
TRACIE HOLLIS, IBM, IBM Employee

Customer Engagement RCE-3116 The IBM Garage Method at Scale at American Airlines

At American Airlines, IBM Cloud and GBS have worked together to develop extensions to the IBM Cloud Garage Method to enable us to run large, multi-squad development efforts. This has brought on new estimation models, new planning and staffing approaches, and other tweaks to the IBM Cloud Garage Method to enable the teams to be successful. In this talk, we will examine the strengths and weaknesses of the original Garage method and discuss what we have learned to make us more effective in much larger efforts.

Tue, 20-Mar 02:30 PM - 03:10 PM
Kyle G. Brown, IBM, IBM Employee; Shankar Kalyana, IBM, IBM Employee

Customer Engagement RCE-3319 Join Us in Defining the Business User Experience Vision for Watson Commerce

In this interactive session, you will see how we are envisioning our portfolio of capabilities to support your business now and in the future as your business grows. Your direct input will help shape the user experience design of our offerings.

Mon, 19-Mar 02:30 PM - 03:30 PM
Katherine Langdon, IBM, IBM Employee;
Lee Li, IBM, IBM Employee;
Nick Sharp, IBM, IBM Employee;
Steve O’Connell, IBM, IBM Employee;
Deanna S. Steiner, IBM, IBM Employee
| Customer Engagement | RCE-3319 | Join Us in Defining the Business User Experience Vision for Watson Commerce | In this interactive session, you will see how we are envisioning our portfolio of capabilities to support your business now and in the future as your business grows. Your direct input will help shape the user experience design of our offerings. | Wed, 21-Mar 12:30 PM - 01:10 PM | Katherine Langdon, IBM, IBM Employee; Lee Li, IBM, IBM Employee; Nick Sharp, IBM, IBM Employee; Steve O’Connell, IBM, IBM Employee; Deanna S. Steiner, IBM, IBM Employee |
| Customer Engagement | RCE-3329 | Personalize Your Workspace: A Deep-Dive into the New Catalog Management Tooling | Providing your customer with accurate and consistent product information at any touchpoint is key to brand success and customer loyalty. Product Catalog Management is the central point for your online business. Come to see how we envision the future catalog management tooling that enables line of business users to utilize more cognitive and intelligent tools to create a personalized working environment to create, manage and centralize product information and collaborate with all stakeholders. | Wed, 21-Mar 02:30 PM - 03:10 PM | Lee Li, IBM, IBM Employee; Nick Sharp, IBM, IBM Employee; Kevin Ha, IBM, IBM Employee |
| Customer Engagement | RCE-3740 | IBM UBX: Using Design Thinking to Enhance Data Exchange between Business Applications | IBM Universal Behavior Exchange (UBX) is an industry leader in customer data exchange. We provide a unique solution that syndicates customer behavior data in context between two or more marketing applications in real-time. The purpose of our session is to illustrate the advantages of UBX's data syndication functionality, and discuss how to better align its user experience design with the needs of marketing and customer experience professionals. This discussion will also focus on how to better personalize the onboarding and learning experience for first-time UBX users. This session is a great opportunity to learn about UBX and how it fits with your organization’s use case scenarios. | Tue, 20-Mar 01:30 PM - 02:10 PM | Alex Tavshunsky, IBM Canada, IBM Employee |
IBM Universal Behavior Exchange (UBX) is an industry leader in customer data exchange. We provide a unique solution that syndicates customer behavior data in context between two or more marketing applications in real-time. This session presents new UBX features that enable users to improve the quality of their omni-channel activities while minimizing the volume of data exchanged. We will explain how to configure event subscriptions between UBX-integrated applications, as well as demonstrate data filtering techniques that minimize data usage or storage of irrelevant data in subscribing applications. Session participants are encouraged to ask questions and provide feedback.

Watson Marketing Insights provides deep and meaningful insights about your customer base. Marketers can easily translate these insights into customer lists that they can directly use with their marketing campaigns. This session aims to gain a deeper understanding of how marketers define segments from the ground up. Why? What if some segments were provided to them and available out-of-the-box and ready to use? What is the lifecycle of a typical segment? Are there different kinds of segments? What is the difference?
IBM Watson Marketing Insights is a cloud-based solution that provides cognitive insights about customer behaviors and a means to build intelligent, targeted segments through a visual query builder. The purpose of our session is to understand and craft customer insights and visualizations geared for the marketer. We will also test how marketers would use those insights to create simple and advanced queries with our visual query builder. In the spirit of design thinking, session participants (including key users, design, data science and offering management) will actively participate in co-creation activities: brainstorming, affinity grouping, journey mapping, roundtable discussions and low fidelity/hand-sketch prototyping.

Modern marketers now require the presence of visually rich, real-time data while building and monitoring their automated experiences. Where complicated report generation once delivered data after the fact, real-time insight now affords marketers a superior level of control to respond to underperforming touchpoints and contact flows, or to adjust strategy based on predictive analysis. This session previews how integrated, real-time data is transforming Watson Campaign Automation (WCA) Programs into a single source for creation, monitoring, and insight.
<table>
<thead>
<tr>
<th>Session Title</th>
<th>RCE-5084</th>
<th>Description</th>
<th>Speaker(s)</th>
<th>Date</th>
<th>Time</th>
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<tr>
<td>Augment Operational Excellence with Inventory Management, Visibility and AR-Based Store Navigation</td>
<td>RCE-5084</td>
<td>In this interactive session, we will showcase how various IBM products will provide you with better visibility into your inventory, helping your merchandising, fulfillment and store operations teams to make informed decisions. We will demonstrate how store associates and inventory management teams will now be able to monitor and take actions on inventory to count, lookup, adjust and move inventory at your warehouses and stores. We will also explore new possibilities for integrating augmented reality to extend store personnel capabilities. Come and share your thoughts on these new features and conceptual designs.</td>
<td>Katherine Langdon, IBM Employee; Richa Sehgal, IBM Employee; Swati Asthana, IBM Employee; Jin Leem, IBM Employee</td>
<td>Thu, 22-Mar</td>
<td>11:30 AM - 12:10 PM</td>
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<tr>
<td>Contact Management in an Active Program</td>
<td>RCE-5691</td>
<td>Marketers have unique needs to monitor and manage contact flow when a program is in progress. Actions such as viewing and moving contacts in specific touchpoints and viewing in-depth contact information are essential needs in automated marketing. This session will connect users to design prototypes and flows that depict these contact management needs.</td>
<td>Valerie A. King, IBM Employee; Lena Hrybok, IBM Employee</td>
<td>Thu, 22-Mar</td>
<td>08:30 AM - 09:10 AM</td>
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Join us for an open discussion about the role of supporting technologies in mitigating supply chain challenges; particularly as it relates to monitoring KPIs and supply chain data (internal, external, overall visibility). Challenges will be categorized by average length of resolution time and severity of the situation. The discussion focus will then shift to brainstorming, as the group works through ideas on how to shorten resolution times and, if possible, avoid these situations in the future.

We want to hear about how your team is nurturing the marriage between your inbound and outbound supply chains—who is involved and what disputes are they having in their day-to-day? This design workshop will bring together experts for a discussion around procurement, fulfillment and more; bridging how organizations can work seamlessly together.
<table>
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<tr>
<th>Customer Engagement</th>
<th>RCE-5984 Advanced Anomaly Detection and Alerting for Your Supply Chain</th>
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<td></td>
<td>Historically, alerting requires you to define in advance what you want to be alerted about. With the maturing advanced analytics of IBM Watson Supply Chain, including artificial intelligence, we can begin to understand patterns and norms and cognitively determine when to raise an alert, without having to manually set it up. In this interactive design workshop, we'll explore the concepts of advanced anomaly detection and alerting based on historical patterns and cognitive learning.</td>
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|                     | Tue, 20-Mar 03:30 PM - 04:10 PM  
Susan Roberts, IBM, IBM Employee; GINA RANALLI, IBM, IBM Employee; Denise Edwards, IBM, IBM Employee |

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|                     | Wed, 21-Mar 08:30 AM - 09:10 AM  
Susan Roberts, IBM, IBM Employee; GINA RANALLI, IBM, IBM Employee; Denise Edwards, IBM, IBM Employee |
Each corporation has systems of records for managing their supply chain operational processes. For example, corporations rely on EDI for everyday transactions with suppliers. How beneficial would it be to bring all this data together? Which data sources does your supply chain need to support in driving actions? How will Blockchain technology help with supply chain? Come learn and share more.
**Customer Engagement**  

| RCE-6010 | Bring All Supply Chain Data Together? | Each corporation has systems of records for managing their supply chain operational processes. For example, corporations rely on EDI for everyday transactions with suppliers. How beneficial would it be to bring all this data together? Which data sources does your supply chain need to support in driving actions? How will Blockchain technology help with supply chain? Come learn and share more. | Wed, 21-Mar 12:30 PM - 01:10 PM | TRACIE HOLLIS, IBM, IBM Employee; Janet Wall, IBM, IBM Employee; Jessica Baratta, IBM, IBM Employee; Joan Haggarty, IBM, IBM Employee; Thyra L. Rauch, IBM, IBM Employee; Kaitlyn Pannunzio, IBM, IBM Employee; Stefan Freund, IBM, IBM Employee; Ivy Penfield, IBM, IBM Employee |

| RCE-6043 | Come Help Teach Watson More about Supply Chain! | This design workshop will focus on identifying the critical questions to solve your supply chain problems and how introducing Watson can help to mitigate problems. How would you like Watson to help you? We are interested in your thoughts on how your everyday tasks could be improved with augmented intelligence. Let's collaborate to make Watson a stronger partner in supply chain excellence. | Mon, 19-Mar 08:00 AM - 10:00 AM | TRACIE HOLLIS, IBM, IBM Employee; Janet Wall, IBM, IBM Employee; Jessica Baratta, IBM, IBM Employee; Joan Haggarty, IBM, IBM Employee; Thyra L. Rauch, IBM, IBM Employee; Kaitlyn Pannunzio, IBM, IBM Employee; Stefan Freund, IBM, IBM Employee; Ivy Penfield, IBM, IBM Employee |
**RCE-6125**  
Using Net Promoter Score to Evolve Campaign Automation  

Watson Campaign Automation is a digital marketing automation platform designed to put the power of data in the hands of the marketer. Learn how IBM product design teams listened to users and employed design thinking principles and methodologies to create better, more delightful experiences through continuous user research, along with a more holistic approach to workflow and interaction pattern design. Learn about Net Promoter Score (NPS) and how it has allowed us, in conjunction with better instrumentation, to more accurately pinpoint user pain points.

**Thu, 22-Mar**  
10:30 AM - 11:10 AM  
Elizabeth N. White, IBM, IBM Employee; Cooper Sanborn, IBM, IBM Employee; Mary Moyers, IBM, IBM Employee; Suzanne Nouri, IBM, IBM Employee

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**RCE-6189**  
Performance Insights: Transforming Your Organization with Goal-Oriented Marketing  

IBM Watson Campaign Automation Performance Insights provides marketers with a highly flexible, robust system for monitoring marketing performance. But understanding marketing performance is more than just viewing data. How can you frame performance data to define and understand what success means for your marketing organization? The purpose of our session is to introduce the concept of Goal-Oriented Marketing and to better understand how marketing decision-makers view these processes within the context of their organization.

**Thu, 22-Mar**  
09:30 AM - 10:10 AM  
Erinne L. Mejia, IBM, IBM Employee; Michelle Carlough, IBM, IBM Employee
Performance Insights: Transforming Your Organization with Goal-Oriented Marketing

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Wed, 21-Mar 11:30 AM - 12:10 PM

Erinne L. Mejia, IBM, IBM Employee; Michelle Carlough, IBM, IBM Employee

Fit Like A Glove: Understanding and Accommodating How Your Teams Work Together and Collaborate

IBM strives to make Watson Content Hub a flexible tool that works the way your teams want to work. Help us make sure we are flexible enough to accommodate your teams’ needs. Join us for an interactive session to explore how your teams work together and collaborate when publishing content across digital channels.

Tue, 20-Mar 11:30 AM - 12:10 PM

KRYSTIE GRUBB, IBM, IBM Employee; Lee Li, IBM, IBM Employee; Deanna S. Steiner, IBM, IBM Employee

Your Global Website and Content Translation

We understand how critical your global website is for the success of your business. Coordinating translation of content is challenging, even for the best teams. Learn how Watson Content Hub will help you manage all that complexity.

Thu, 22-Mar 11:30 AM - 12:10 PM

KRYSTIE GRUBB, IBM, IBM Employee; Deanna S. Steiner, IBM, IBM Employee; Ciera Raines, IBM, IBM Employee
<table>
<thead>
<tr>
<th>Customer Engagement</th>
<th>RCE-7121</th>
<th>Every Word Counts</th>
<th>What makes content effective? How do you measure it? Watson Content Hub is working on a solution for measuring effectiveness and recommending improvements to your content. Help us define what content effectiveness means and design the best user experience flow.</th>
<th>Wed, 21-Mar 03:30 PM - 04:10 PM</th>
<th>KRYSTIE GRUBB, IBM, IBM Employee; Deanna S. Steiner, IBM, IBM Employee; Ciera Raines, IBM, IBM Employee</th>
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<tr>
<td>Customer Engagement</td>
<td>RCE-7135</td>
<td>Tame the Website Management Chaos</td>
<td>Does your development to deployment process work effectively for your website team? Do you need a more efficient process? Let's explore what does and does not work for your teams. Join the Watson Content Hub user experience and development teams for an interactive session where we will try to tame the chaos.</td>
<td>Thu, 22-Mar 08:30 AM - 09:10 AM</td>
<td>Deanna S. Steiner, IBM, IBM Employee; Nick Baldwin, IBM, IBM Employee; Ciera Raines, IBM, IBM Employee</td>
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<tr>
<td>Customer Engagement</td>
<td>RCE-7194</td>
<td>Watson Content Hub: Prioritization Session</td>
<td>Learn about what's on the horizon for Watson Content Hub. Get a sneak peak at our future designs, collaborate with us to get to the perfect solution, and help prioritize our vision. We'll share information about things under way or under consideration. You'll have the opportunity to share your thoughts and potentially influence our direction.</td>
<td>Wed, 21-Mar 01:30 PM - 02:10 PM</td>
<td>KRYSTIE GRUBB, IBM, IBM Employee; Deanna S. Steiner, IBM, IBM Employee; Nick Baldwin, IBM, IBM Employee</td>
</tr>
<tr>
<td>Customer Engagement</td>
<td>RCE-7437</td>
<td>Come See the Future of Managed File Transfer in the Cloud</td>
<td>IBM's Cloud File Exchange solution enables enterprises to transfer files with their global business partners through a self-service cloud deployment model. Join us as we demonstrate the seamless user experience, including self-service onboarding and visibility for customers and their partners. See how the future is bright for Managed File Transfer as we share IBM's roadmap for file transfer in the cloud.</td>
<td>Tue, 20-Mar 02:30 PM - 03:10 PM</td>
<td>Vince Tkac, IBM, IBM Employee; Dan Pitre, IBM, IBM Employee; KELSEY KULESZA, IBM, IBM Employee; Jerry Ervin, IBM, IBM Employee</td>
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<td>Vince Tkac, IBM, IBM Employee; Dan Pitre, IBM, IBM Employee; KELSEY KULESZA, IBM, IBM Employee; Jerry Ervin, IBM, IBM Employee</td>
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<tr>
<td>Customer Engagement</td>
<td>RCE-7967</td>
<td>The Future of Supply Chain</td>
<td>Are you a supply chain practitioner or a manager in your supply chain? In this workshop, we will look into innovative technologies emerging in supply chains, including Blockchain, IoT and AI. This is an open, collaborative workshop for the brightest minds in supply chain and business intelligence—we can’t wait to meet you!</td>
<td>Mon, 19-Mar 01:30 PM - 03:30 PM</td>
<td>Janet Wall, IBM, IBM Employee; Joan Haggarty, IBM, IBM Employee; Thyra L. Rauch, IBM, IBM Employee; Jeremy Anderson, IBM, IBM Employee; Lucie Wu, IBM, IBM Employee</td>
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</table>
Customer Engagement

RCE-7993
Leveraging Cloud Infrastructure for B2B and Managed File Transfer

Cloud is here to stay, providing ease of deployment, scale and cost advantages. The question is: How will you leverage the cloud for better visibility, analytics and insight for your B2B and Managed File Transfer (MFT) infrastructure. Come share your ideas, challenges and work with IBM to "design think" the intersection of these two critical capabilities.

Thu, 22-Mar 11:30 AM - 12:10 PM
Matt Demmler, IBM, IBM Employee

Customer Engagement

RCE-8023
New Experience Driving Meaningful Customer Engagement

Watson Customer Engagement had a transformational year, converging the distinct product lines into a unified experience across the portfolio. In this session, you will hear two major themes. First, we focus on the lessons we learned in undertaking this type of design and development challenge, and discuss how this process can apply to other business problems. Second, we demonstrate how this experience expedites a user's efficiency to perform his or her day-to-day job, and unveil our long-term roadmap to help clients realize the tremendous value being created. Participate in the plan to go beyond. Come and discover and provide direction to creating meaningful engagement with business and customer audiences.

Wed, 21-Mar 09:30 AM - 10:10 AM
Elizabeth N. White, IBM, IBM Employee; Mary Moyers, IBM, IBM Employee; Diana Tran, IBM, IBM Employee; Sophia LEVENS, IBM, IBM Employee

Mon, 19-Mar 10:30 AM - 12:30 PM
Elizabeth N. White, IBM, IBM Employee; Mary Moyers, IBM, IBM Employee; Diana Tran, IBM, IBM Employee; Sophia LEVENS, IBM, IBM Employee
Your customers expect more every day from your site. Your web presence should connect your users directly to the products, help, support and content they need. Unfortunately, just knowing the questions they ask isn't enough—you need more context. With Retail Search Insights, there are ways to deliver the right answers, at the right moment in your user's journey. Come and learn about the different use cases for your industry, so that you can find solutions for driving a more positive digital experience across your site.

Thu, 22-Mar 10:30 AM - 11:10 AM
Meagan Johnson, IBM, IBM Employee; Louis F. Roehrs, IBM, IBM Employee; Mary Moyers, IBM, IBM Employee; John E. Bloys, IBM, IBM Employee
Watson Marketing Insights pairs cognitive, machine-led analytics with advanced, human-led segmentation capabilities to reveal relevant, impactful target audiences for use in marketing outreach. This session will creatively explore the evolution of cognitive analytics in marketing and envision the next generation of what’s possible with the power of Watson. Design thinking techniques will conceptualize advanced features for a seamless analytics experience and real improvements in campaign effectiveness. Areas to explore: analytic/cognitive insights, self-learning and natural language/AI, visual design, data ingestion and platform integration, and a preview of the WMI roadmap with an opportunity to influence feature prioritization.

IBM believes that training is not one-size-fits-all, and neither is our credential program. IBM has created a multi-tiered approach to credentials that helps individuals who are just starting in the industry and those who have been working in the IT industry for decades! Hear how we are helping to validate all of the skills that you care about as an employee and as an employer!
We believe that if you love what you do, and you have the skills to do it, you can change the way the world works. By developing revolutionary concepts in learning, IBM is challenging the status quo in how an organization can develop its workforce to win in the market. Attend this session to find out how!
### Customer Engagement

#### RCE-9046 Preventing Security Breaches with Secure File Transfer

With data security breaches on the rise, isn't it time to evaluate your existing infrastructure and security policies? Learn about the latest cloud enablement available with IBM Connect Direct and how it's optimized for high-volume, reliable file delivery within and between enterprises. Come share your thoughts on file security in your organization as well as the business value of the functionality and enhancements with IBM Connect Direct.

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<th>Date</th>
<th>Time</th>
<th>Speaker(s)</th>
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<tr>
<td>Mon, 19-Mar</td>
<td>02:30 PM - 03:30 PM</td>
<td>William McKinney Jr., IBM, IBM Employee; Chris Sanders, IBM, IBM Employee; Nandakumar Moni, Aricent, IBM Business Partner; Alex Krikos, Aricent, IBM Business Partner; Ieshia ROBERTSON, IBM, IBM Employee; Shaan Mulchandani, Aricent, IBM Business Partner; Shilpa Menezes, IBM, IBM Employee</td>
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### IBM Research

#### RES-2790 Big Data? Yes! AI? Yes! But are You Meeting Data Governance Needs?

Big data and AI frameworks are being designed for scalability and performance with a focus on simplifying data sharing and analysis. But real support for data governance is severely lacking. New regulations like GDPR are bringing a renewed emphasis on governance and mandating tighter controls across the entire data-to-AI lifecycle. As part of our experience executing the 2017 Global Technology Outlook on Trusted Data Services, we have encountered a number of design and engineering tradeoffs: granularity versus scalability, democratization versus control, and simplicity versus comprehensiveness. We will discuss the current landscape, and reflect on our journey and how it might impact design and implementation of your big data deployments.

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<td>Mon, 19-Mar</td>
<td>08:00 AM - 09:00 AM</td>
<td>Arjun Natarajan, IBM Research, IBM Employee; Hani Jamjoom, IBM, IBM Employee</td>
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</tbody>
</table>
We propose that the temporal nature of the IBM Hyperledger Fabric history-db data can be leveraged to support various use cases; e.g., compliance, lineage etc. This requires that the temporal queries be processed efficiently on this data. Currently, this presents significant challenges as the history-db data is organized on file-system, is exposed to users via a limited API and does not allow users to build any indexes. In this talk, we present two models for overcoming these limitations. The first model doubles up the data being stored on Fabric and the second copy of the data is used to build temporal indexes. The second model keeps the data volume intact but stores some metadata along with each event being inserted on Fabric.

Sepsis, a life-threatening complication of infection, kills more people than cancer. Medical errors, such as problematic operating conditions and poor healthcare information exchange, are contributing factors. Laura, the daughter of Jac Fressatto, creator of the Laura Platform, died of sepsis in 2010. Through cognitive, Watson-driven #laurabots and online services hosted on IBM Cloud, the Laura Platform processes diverse structured and unstructured hospital data to help identify, in real-time, patients who may be at risk for sepsis. In 2018, with help from IBM, the Laura Platform will process data on more than 100 million people. Our goal is to reduce sepsis deaths by 5% in every country where the Laura Platform is deployed.
This talk will explore some of the latest research into artificial intelligence and machine learning towards Watson for Cybersecurity. It will cover the strategy of research investment, the challenges in terms of natural language processing in the security domain and high-level technology updates. It will also convey the key principles of our ongoing mission in this space. This is a great opportunity for business leaders and key technologists to gain insights, ask questions, and provide feedback about Watson for Cybersecurity in their business and industry.

No matter what application you are working on, identity and access management are pillars of its security. Be it a mobile app, a web app, an API, a cloud function or a container, you will want to know who the end-user is, and then ensure that this particular user is authorized to use your backend and cloud resources. In this session, we will describe present and intended capabilities on IBM Cloud that can help your dev team to focus on the business, by making it easy for them to add the required identity, authentication and authorization, and leverage it to create personalized user experiences. You will have an opportunity to engage with presenters and peers and share thoughts, insights, concerns, and experiences.

Your digital identity is very real and should be protected. How can you build trust over the digital channels? How can you ensure trust when a new digital identity comes knocking on your door? Hint: It is all about cognitive.
| Security and Resiliency | SEC-6027 | A Total View of IBM Cloud Security | Recent headlines have shown that failing to secure cloud applications has dire consequences. IBM Cloud and IBM Security offer a breadth of technologies designed to secure data at rest and in transit, not matter where it resides. A unique advantage IBM has is that it is both a cloud provider and a leading security vendor. Nataraj Nagaratnam, Distinguished Engineer, CTO Cloud Security and Director, Cloud Security Services, and Sridhar Muppidi, IBM Fellow, CTO for Information Risk and Protection, will lay out the ways in which IBM Cloud offers customers the most secure infrastructure for the most sensitive and demanding applications. | Tue, 20-Mar | 11:30 AM - 12:10 PM | Nataraj (Raj) Nagaratnam, IBM, IBM Employee; Sridhar Muppidi, IBM, IBM Employee |
| Security and Resiliency | SEC-7963 | Apply Advanced Analytics for Early Threat Detection | What if you could detect threats to your organization 48 hours earlier than ever before? To improve their security posture, security teams need preemptive protection based on better, more timely data, along with cognitive analysis capabilities to keep up with it. Learn how to protect your organization by applying a combination of local and global visibility with advanced analytics from IBM X-Force to identify and deflect malicious activity faster and more accurately than ever. | Wed, 21-Mar | 08:30 AM - 09:10 AM | Paul Griswold, IBM, IBM Employee; Russ Couturier, IBM Security, IBM Employee |
Security and Resiliency

Stay Ahead of Data Cyber Defense with IBM Security Guardium

IBM Security Guardium is an "out-of-the-box" data security, protection and compliance solution that not only supports standard regulatory controls but also flexibly supports forensic, report-driven activities. These key elements, and more, make Guardium a scalable cyber security tool to handle the toughest data security issues. Join this session to learn about: top trends in data security; how Optum has implemented a grand-scale Guardium deployment with NRT security incident response by establishing data explosion controls, risk-based implementations, use case-derived custom policies, and cyber defense/SOC-driven alerting; and how IBM Data Security will handle these and other emerging data security demands in the IBM vision and roadmap.

Tue, 20-Mar 04:30 PM - 05:10 PM
Lawrence Wells, Optum, Client; Luis Casco-Arias, IBM, IBM Employee; Ragu Ramanathan, Optum, Client

Infrastructure TNF-1102

Paving the Way to a Cognitive IT Delivery Model in Banking Via Infrastructure Flexibilization

This session reviews the initial steps that BBVA, a major Spanish bank, is taking to flexibilize its legacy environment to focus resources into a major cloud transformation effort. One key component of this flexibilization is the use of automation and cognitive technologies to transform operations of the legacy stack, and to prepare for their extension into the cloud stack. IBM Services Platform with Watson will be the foundation for the initial deployment and further expansion of these technologies. Come get a view of how automation and cognitive can replace human-driven IT operations to benefit cost and quality.

Wed, 21-Mar 09:30 AM - 10:10 AM
Angel Martinez, IBM, IBM Employee
Converged systems have been around for a couple of decades, with physical convergence (e.g., blades) initially being successful. With software defined technologies, increasing interconnect bandwidth and other advancements, converged systems have evolved to be more disaggregated (e.g., physically separate) and composable in either a static or dynamic manner. Combined with new network NVMe/NVME-oF capabilities and comprehensive software defined technology (SDC, SDN and SDS), a composable architecture enables a new level of efficiency and flexibility for the Software Defined Data Center (SDDC). This talk will cover the benefits of composable systems, the advancements being made to enable them, and IBM's directions in this important area.
Infrastructure TNF-3561  IBM Rational ClearCase Discussion and Roadmap

We invite you to join this discussion, which will focus on the future of IBM Rational ClearCase. We are looking to you, our customers, to share your challenges in open discussion with your peers and HCL engineering staff. IBM and HCL will present what’s coming up in 2018 and beyond. This session will focus on new enhancements to ongoing development projects and significant new projects we expect to start in the coming year. As always, we’ll be looking for your input to help guide and prioritize the work we do. What you want and need is critically important to us, and this is your opportunity to meet with the team and influence the direction of our products.

Mon, 19-Mar 08:00 AM - 03:30 PM
John Kohl, HCL Technologies, IBM Business Partner; Howie Bernstein, HCL, IBM Business Partner; Alok Singh, HCL Technologies, IBM Business Partner; Adam Levensohn, HCL Technologies, IBM Business Partner; Sumeet Kohli, HCL Technologies Ltd., IBM Business Partner; Peter Hack, HCL Technologies, IBM Business Partner; Manish Virmani, HCL, IBM Business Partner; Todd Lainhart, HCL, IBM Business Partner; Susan Knapp, HCL, IBM Business Partner
| Infrastructure | TNF-3569 | IBM Rational ClearQuest Discussion and Roadmap | We invite you to this InnerCircle discussion, which will focus on the future of IBM Rational ClearQuest. We are looking to you, our customers, to share your challenges in open discussion with your peers and HCL engineering staff. IBM and HCL will present what's coming up in 2018 and beyond. The session will focus on the work underway for the new ClearQuest Dashboard, as well as an agile schema and related dashboard gadgets. We'll be asking for your contributions, ideas and advice on these projects. As always, your input will help guide and prioritize the work we do. What you want and need is critically important to us, and this is your opportunity to meet with the team and influence the direction of our products. | Mon, 19-Mar 08:00 AM - 03:30 PM | Adam Skwersky, HCL America, Inc., IBM Business Partner; David Sampson, HCL America, Inc., IBM Business Partner; Marlin Deckert, HCL Technologies, IBM Business Partner; Navneet Goyal, HCL, IBM Business Partner; David Lacava, HCL, IBM Business Partner |
| Infrastructure | TNF-5105 | Q Replication Insights and Futures: Use Cases and New Functionality for Continuous Operations | InnerCircle attendees are invited to meet and discuss Q Replication with the lead developer. Learn internals that are useful for optimal utilization of the product, discuss your own experiences and pain points, and study model client architectures and use cases. This is also a chance for you to influence which direction the product may take towards solving your continuous availability and analytics challenges. | Mon, 19-Mar 08:00 AM - 10:00 AM | Serge Bourbonnais, IBM, IBM Employee |
### A Future-Proof Data Platform for Cognitive Workloads

Data... everywhere: unstructured data, structured data, semi-structured data, data on-premise, data in the cloud, data generated by your business, data generated by your customers, data generated by sensors, data that helps your business to gain a competitive edge, data that keeps you in compliance and up-and-running. IT has to manage the volume, velocity, variety and value of the data. IT also needs transform to support new cognitive and agile workloads. All of this require a future-proof data architecture. With all the shifts and disruptions in the industry (flash, cloud, software-defined) many are challenged to navigate into the future. We'll provide examples of customer implementations of data architecture that meet the challenges.

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### Storage Technology Literacy (No, Virginia, There are No Storage Elves in the Cloud)

Underlying all software defined storage solutions and cloud offerings are the fundamental storage technologies—flash, HDD, optical and tape. There are no storage elves in the sky with bags of bits. So understanding these storage technology trends and characteristics is important in specifying, selecting, or architecting storage solutions for media workflows. This is becoming even more important as projections indicate data is growing faster than the capability of the combined storage technologies to satisfy demand. Could we really be facing a future storage crisis? Future outlook based on technology trends and market forces will be detailed along with a discussion of the impact of these trends on future storage solutions.
### z/OS and Cloud Storage: Cloudy with a 100% Chance for Gain

Just a few years ago, z/OS data and cloud storage were seen as oil and water. Yet today, many clients are exploring or have already introduced cloud object storage into their z/OS environments. During this session, we'll explore the intrinsic value of the cloud storage infrastructure and how z/OS has seamlessly integrated it as another available storage tier. Leveraging DS8880 transparent cloud tiering, z/OS is able to tier data through the entire storage hierarchy without any data passing through the Z server. We'll also discuss opportunities for new solutions built around cloud storage that weren't feasible in a classic storage hierarchy.

**Tue, 20-Mar**

12:30 PM - 01:10 PM

Glenn R. Wilcock, IBM, IBM Employee

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### Efficiently Operate the IBM Cloud Private Platform

Session 7972 is a prerequisite for this follow-on session. Here we will take a close look at the IBM Cloud Private platform and understand how to operate this platform efficiently in the enterprise. Through interactive discussion with our architects, you can explore the practical approach of planning your private cloud environment, setting up DevOps toolchains, achieving HA/DR, securing the platform and monitoring your private cloud. We'll also introduce you to the assets and best practices built by IBM to smooth your adoption journey. You are welcome to bring your challenges and questions to get some insights from the experienced IBM team, and also give us feedback and suggestions to improve your private cloud experience.

**Mon, 19-Mar**

11:00 AM - 12:00 PM

Gang Chen, IBM, IBM Employee;

Hans Kristian Moen, IBM, IBM Employee