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## News Feed Item

# Oracle Advances Data Integration Portfolio With Major Enhancements to Oracle GoldenGate 12c

Industry-Leading Real-Time Data Integration Solution Enables Organizations to Support Emerging Technology Trends Including Cloud, Big Data, and Real-Time Analytics

BY MARKETWIRED .

ARTICLE RATING:

NOVEMBER 18, 2014 08:00 AM EST



REDWOOD SHORES, CA -- (Marketwired) --  
11/18/14 -- Oracle (NYSE: ORCL)

News Summary

Data volumes are growing at unprecedented rates,



making it  
more  
complex  
for

organizations to effectively use that information to make strategic business decisions and gain a competitive advantage. To drive greater value from their data and take advantage of emerging technology trends such as cloud computing and big data, companies must have the ability to move data across highly diverse IT environments and firewalls with very low latency. With Oracle GoldenGate 12c, customers can implement real-time data integration and transactional data replication between on-premises and cloud environments and across a broader set of heterogeneous platforms, achieving faster time to value and a greater return from their data assets.

## News Facts

- Reinforcing its leadership in the data integration and replication space, Oracle announced an enhanced version of **Oracle GoldenGate 12c** with expanded support for heterogeneous databases and big data solutions, improved manageability, and support for hybrid cloud environments.
- Oracle GoldenGate 12c provides best-of-breed, real-time data integration and heterogeneous database replication. New features include:
  - Migration utility for Oracle Streams:** A new migration utility, Streams2OGG helps Oracle Streams customers move to Oracle GoldenGate and leverage its latest features, such as integrated capture and delivery processes and advanced conflict management.
  - Support for IBM Informix:** Oracle GoldenGate 12c now supports real-time data capture and delivery for the latest Informix database versions on all major platforms. Support has also been extended to Oracle GoldenGate Veridata so IBM Informix customers can integrate and replicate high volumes of real-time data throughout their heterogeneous business environments.
  - Extended support for Microsoft SQL Server and MySQL:** The new release adds support for real-time, log-based capture and delivery for Microsoft SQL Server 2012 and 2014 as well as MySQL Community Edition databases.
  - SOCKS5 compliance:** Oracle GoldenGate 12c now leverages customers' SOCKS5 compliance setting for data transfer, enabling

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By Yeshim Deniz  
Nov. 20, 2014

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## DevOps Summit NY Keynote Proposals Now Open

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## DevOps &amp; App Delivery for Hybrid Cloud

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By Gilad Parann-Nissany  
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## Bit6 Challenges Tech Community on

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## Most Influential Technology Blogs

## Brendan O'Brien and the 'Future of IoT'

By Elizabeth White



"There is a natural synchronization between the business models, the IoT is there to support," explained Brendan O'Brien, Co-founder and Chief

Architect of Aria Systems, in this SYS-CON.tv interview at the 15th International Cloud Expo®, held Nov 4–6, 2014, at the Santa Clara Convention Center in Santa Clara, CA.

Nov. 20, 2014 07:30 PM EST Reads: 1,210

## DevOps &amp; App Delivery for Hybrid Cloud

By Sanjeev Sharma



I had the opportunity to present on Nov 5th at DevOps Summit by SYS-CON Events in Santa Clara, CA. Here are my slides. The world is Hybrid.

Organizations adopting DevOps are building Delivery Pipelines leveraging environments that are complex – spread across hybrid cloud and physical environments. Adopting DevOps hence required Application Delivery Automation that can deploy applications across t...

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## Hardware-Based Key Managers

By Gilad Parann-Nissany



Cloud security is a top concern for any organization migrating to the cloud. The threats are many. For example, the fact your data resides in a shared,

multi-tenant environment is a threat that has become a reality with the latest Xen virtualization bug, which allowed a malicious fully virtualized server to read data about other virtualized systems running on the same physical hardware or the h...

Nov. 20, 2014 06:00 PM EST Reads: 1,777

## G20: Brazil Commits to Tech Ed

By Roger Strukhoff



Each of the G20 member countries outlined a Comprehensive Growth Strategy at the recent G20 Summit in Brisbane, Australia. One of the more

aggressive plans comes from Brazil, which has pledged to train 12 million young people in technical areas by 2018. The program is called Pronatec, and is administered by the Ministries of Labor and Education

customers to replicate between on-premises and cloud environments without an extra VPN connection open.

- **Support for big data:** Oracle GoldenGate Adapter for Java enables integration with Oracle NoSQL, Apache Hadoop, Apache HDFS, Apache HBase, Apache Storm, Apache Flume, Apache Kafka, and others and allows real-time, noninvasive data streaming into big data targets to give customers new insights into business and improve the customer experience.
- **Out-of-sync data repair:** In addition to comparing heterogeneous databases and reporting data discrepancies without interrupting business operations, Oracle GoldenGate Veridata 12c now provides data repair and revalidation capabilities for out-of-sync data.
- **Data capture from Oracle Active Data Guard:** Oracle Active Data Guard customers who want to remove any replication impact on their production environment can use Oracle GoldenGate 12c on their standby systems to capture data in real time.
- **Simplified application upgrades:** The new release simplifies the upgrade process for customers leveraging the Oracle Database Edition-Based Redefinition feature by coordinating the upgrades and bringing the target database to the same edition-based version.
- **Improved management and monitoring:** Customers using the new release also gain the ability to start and stop processes, edit parameter files, collect information about operations, and diagnose issues easily with Oracle Enterprise Manager Plug-In 12.1.3, part of Oracle Management Pack for Oracle GoldenGate 12c.
- Oracle GoldenGate is part of the industry-leading **Oracle Data Integration** portfolio, which includes real-time and bulk data movement, transformations, data governance, data virtualization, and data quality and enables organizations to easily keep pace with new data-oriented technology trends such as cloud computing, big data analytics, real-time business intelligence, and continuous data availability.
- Oracle Data Integration has also gained notable industry recognition, with Gartner, Inc. naming Oracle a Leader in its July 24, 2014 **Magic Quadrant for Data Integration Tools** and Database Trends and Applications naming Oracle GoldenGate 12c a winner in the "Best Data Replication Solution" category of its 2014 Readers' Choice Awards.
- Oracle Data Integration is part of **Oracle Fusion Middleware**, the leading business innovation platform for the enterprise and the cloud.

## CIO, CTO & Developer Resources

[The Road To Enterprise PaaS Whitepaper](#)

[Linux in the Mainstream](#)

[Test early, test often. Continuous testing as part of the DevOps lifecycle](#)

[Data Management Decisions: Five Direct Questions](#)

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[Learn Faster: Deploy What You Have - Virtualize What You Don't](#)

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[Integrate Rational ALM applications with SAP Solution Manager](#)

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### Supporting Quotes

- "Real-time data integration is a critical enabling technology for organizations that want to get more and faster value from their data and connect systems deployed in diverse and hybrid cloud environments," said Jeff Pollock, vice president of product management at Oracle. "By continuously broadening Oracle GoldenGate's support for non-Oracle databases, deepening integration with Oracle technologies, and streamlining cloud integration capabilities, we're helping customers to easily and cost-effectively achieve pervasive, continuous access to timely data."
- "Rakuten welcomes the release of the new Oracle GoldenGate. It adds key solutions to the Oracle GoldenGate product family that expand heterogeneous data synchronization support," said Yuji Takahashi, group manager, EC Database Administration Group, Rakuten Ichiba Development Department at Rakuten, Inc. "We have used Oracle GoldenGate solutions with Oracle Exadata Database Machine, and we strongly expect continued product enhancement and improvement to support our further business requirements."
- "Before embarking on a big data or cloud journey, enterprises need to ensure that they are not creating any more data silos -- disjointed analytics leads to partial insights," said Surya Mukherjee, senior analyst, Information Management at Ovum. "Oracle GoldenGate 12c is a step in the right direction; its new features allow real-time data integration across their diverse data platforms, so that enterprises can build strategies for their data and application universe, whether it be in the cloud, on-premises, structured,

### WebRTC

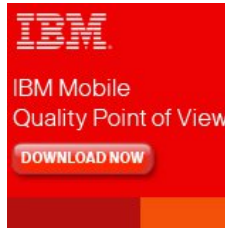
By Daniel Keeney  
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### Replicating from MySQL and Oracle into Hadoop

By MC Brown  
Nov. 20, 2014

### Hortonworks Big Data IPO: Where are the Margins?

By Jason Bloomberg  
Nov. 20, 2014



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jointly with local councils. The program has actua...  
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### Replicating from MySQL and Oracle into Hadoop

By MC Brown



The notion of a database silo – that is, a single database that contains everything and operates in isolation – is a rapidly fading concept in most companies. Many use multiple databases to take advantage of the different range of functionality, from their transactional store, to caching and session stores using NoSQL and, more recently, the transfer of information into analytical stores such as H...

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### Hortonworks Big Data IPO: Where are the Margins?

By Jason Bloomberg



Enterprises run on data, so it's no surprise that big data – and in particular, big data platform Hadoop – are today's enterprise software battleground. This week's news that Hadoop vendor Hortonworks filed their S1 with the SEC, indicating their intent to go public, ratchets this battle into high gear. Yet, while Hortonworks and its primary competitors Cloudera and MapR are at the center of th...

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### How Mobile & Cloud Are Transforming Industry

By Nicholas Lee



Change is constant, and over the last decade the nexus of two trends in particular has transformed the enterprise. Mobile technology and cloud software are fundamentally changing the way we interact internally within businesses, and externally with partners and customers. Never before have workers enjoyed such freedom and flexibility. The days of being tied to a desk, manning a landline, are gon...

Nov. 20, 2014 03:15 PM EST Reads: 1,233

### Is Docker the Right Abstraction for PaaS?

By Phil Whelan



Docker has been quickly adopted by nearly everyone and incorporated into everything from cloud technologies, to continuous integration and build systems, to solo developers working exclusively on their laptop. Heck, even Microsoft is getting in on this! It was born in PaaS (dotCloud) and this is the place where it makes a lot of sense. Ephemeral fast-starting single-process containers that can be ...

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### IoT and the New App Economy

By Bill Mann



In 2007, there were virtually no mobile apps. Last year alone, over 100 billion apps were downloaded, generating \$26 billion in sales. App stores operated by Apple and Google now offer more than a million apps each and people every day depend on apps like Facebook, Google Maps and Uber. The app economy is here. And – with the coming tide of wearable devices giving rise to a new generation of app...

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### Data Landscape at Facebook

By Jnan Dash



What does the data landscape look like at Facebook with its 1.3 billion users across the globe? They classify small data referring to OLTP-like queries that process and retrieve a small amount of data, usually 1-1000 objects requested by their ... [Continue reading](#) →

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### The Big Data Marketing Creepiness Factor

By Jason Bloomberg



The pace of innovation in such big data-driven targeting technology is advancing unabated. There is so much noise in today's omnichannel world that anything a marketer can do to get your attention is welcome – and furthermore, the more information they can collect about you, the better. For the marketer, big data mean big cha-ching. We've all been there: on our lunch hour we surreptitiously visit...

Nov. 20, 2014 01:00 PM EST Reads: 1,624

### The 'Internet of Things' Dress Code

By Peter Silva



If you thought the Bring Your Own Device (BYOD) craze was a headache, just wait until button cameras, smart watches, and spy glasses (already here) are a daily occurrence in the office. Workplace

or semi-structured.

- "In recent years, we have been collaborating with Oracle -- within the framework of CERN openlab ([www.cern.ch/openlab](http://www.cern.ch/openlab)) -- on the development of Oracle GoldenGate. This work has primarily focused on enabling replication within our challenging, workload-intensive and dynamic environment. In addition to easier deployment and administration, Oracle GoldenGate has proven to be more easily scalable than Oracle Streams. Its heterogeneity and its in-database monitoring and reporting functions are also beneficial. With Oracle GoldenGate 12c, we have seen a performance increase of over 50 percent compared to Oracle Streams 11g Release 2 -- using our production workload on the same hardware. We are, therefore, confident about its advantages over the technology we were using in the past. Finally, we were able to complete our migration from Oracle Streams deployments to Oracle GoldenGate without any issues using the migration tool provided by Oracle," said Lorena Lobato, CERN openlab researcher, Database Services Group, CERN IT department.

#### Supporting Resources

- [Oracle GoldenGate 12c](#)
- [Register for the Oracle GoldenGate 12c for the Cloud Webcast](#)
- [Oracle GoldenGate 12c new Features Whitepaper](#)
- [Oracle Streams to Oracle GoldenGate Migration](#)
- [Replication Technologies at Worldwide LHC Computing Grid \(WLCG\)](#)
- [Oracle GoldenGate 12c Whitepaper](#)
- [Oracle Data Integration](#)
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#### About the Magic Quadrant

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#### Contact Info

Nicole Maloney  
Oracle  
+1.650.506.0806  
[Email Contact](#)

Drew Smith  
Blanc & Otus  
+1.415.856.5127  
[Email Contact](#)

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#Wearables will be a huge challenge in the coming years as more devices, clothing and pretty much any 'thing' with a chip or sensor become commonplace in our society. The device explosion with IoT (Intern...  
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## How to Adopt DevOps in Your Organization

By Trevor Parsons



It does not take much to understand the benefits of the DevOps culture, processes, and tools. However, implementing DevOps in your organization is not as obvious and usually involves more than simply setting up tools. You have to convince team members, map old processes to new, and maybe even change the structure of organizational reporting and budgeting. Unfortunately, there is no magic formula...

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## Call Me Never (Ignite Talk)

By David Dossot



I've been super honoured to give an ignite talk during DevOps Days Vancouver 2014. Ignite talks are intense, as the slides mercilessly fly-by every 15 seconds, and this for 5 minutes sharp (yes, that's just 20 slides!). In this talk, I tried to present some of the lessons we've learned at Unbounce while rebuilding our page serving infrastructure. Our availability target is five-nines (that's an...)

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## What Is a Digital Professional?

By Jason Bloomberg



I've started using the phrase digital professional, in particular in my recent article dinging Amazon's cloud division Amazon Web Services (AWS) for not having a clear digital strategy. However, I haven't been very clear on what I mean, so it's time to put a finer point on this terminology. The role of digital professional begins back in the 1990s with the rise of the web professional: people w...

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## Disruptive Cloud Innovations and IoT

By Gilad Parann-Nissany



The global village, mobile devices, online marketplaces, social networks, and on-demand entertainment all have a part to play. People all over the world are increasing the time they spend in the virtual world. They're buying, selling, sharing, studying, developing apps, hanging out in social networks, and starting to use digital currencies that bypass traditional banking. Alongside these communit...

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## Microservices, The Scale Cube and Load Balancing

By Lori MacVittie



Microservice architectures are the new hotness, even though they aren't really all that different (in principle) from the paradigm described by SOA (which is dead, or not dead, depending on whom you ask). One of the things this decompositional approach to application architecture does is encourage developers and operations (some might even say DevOps) to re-evaluate scaling strategies. In particu...

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## Schizophrenic About Cloud?

By Kevin Jackson



This week Dell released its first Global Technology Adoption Index (GTAI). This survey of more than 2,000 global organizations took a close look at how organizations are truly using security, cloud, mobility and big data to drive success. While the data collected from this effort should put to rest any doubts about the value of cloud computing, it also calls into question our collective mental sta...

Nov. 20, 2014 08:45 AM EST Reads: 1,650

## The "Internet of Things" and Security

By Shelly Palmer



The Internet of Things could get out of control pretty fast. We're still pretty far from self-aware homes trying to procreate, but as Gigaom Research analyst Craig Foster noted in his recent report on IoT security, the dangers are already very real. Take a look at the maritime industry. Earlier this year, hackers tilted and...

Nov. 20, 2014 08:45 AM EST Reads: 3,165

## Automated Compliance in Enterprise DevOps

By Rex Morrow, Datical



By Yeshim Deniz



Software-driven innovation is becoming a primary approach to how businesses create and deliver new value to customers. A survey of 400 business and IT executives by the IBM Institute for Business Value showed businesses that are more effective at software delivery are also more profitable than their peers nearly 70 percent of the time (1). DevOps provides a way for businesses to remain competitive, applying lean and agile principles to software development to speed the delivery of software that ...

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### IBM's New "Bluemix Dedicated" Platform

By Yeshim Deniz



ARMONK, N.Y., Nov. 20, 2014 /PRNewswire/ -- IBM (NYSE: IBM) today announced that it is bringing a greater level of control, security and flexibility to cloud-based application development and delivery with a single-tenant version of Bluemix, IBM's

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### Agility and DevOps | SYS-CON.tv Interview

By Liz McMillan



"Our premise is Docker is not enough. That's not a bad thing - we actually love Docker. At ActiveState all our products are based on open source technology and Docker is an up-and-coming piece of open source technology," explained Bart Copeland, President & CEO of ActiveState Software, in this SYS-CON.tv interview at DevOps Summit at Cloud Expo®, held Nov 4-6, 2014, at the Santa Clara Convention Center in Santa Clara, CA.

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### Vitesse Simplifies IoT Networking

By Yeshim Deniz



Focused on this fast-growing market's needs, Vitesse Semiconductor Corporation (Nasdaq: VTSS), a leading provider of IC solutions to advance "Ethernet Everywhere" in Carrier, Enterprise and Internet of Things (IoT) networks, introduced its IStaX™ software (VSC6815SDK), a robust protocol stack to simplify deployment and management of Industrial-IoT network applications such as Industrial Ethernet switching, surveillance, video distribution, LCD signage, intelligent sensors, and metering equipment...

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### DevOps Summit NY Keynote Proposals Now Open

By Carmen Gonzalez



DevOps Summit 2015 New York, co-located with the 16th International Cloud Expo - to be held June 9-11, 2015, at the Javits Center in New York City, NY - announces that it is now accepting Keynote Proposals. The widespread success of cloud computing is driving the DevOps revolution in enterprise IT. Now as never before, development teams must communicate and collaborate in a dynamic, 24/7/365 environment. There is no time to wait for long development cycles that produce software that is obsolete...

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### Brendan O'Brien and the 'Future of IoT'

By Elizabeth White



"There is a natural synchronization between the business models, the IoT is there to support," explained Brendan O'Brien, Co-founder and Chief Architect of Aria Systems, in this SYS-CON.tv interview at the 15th International Cloud Expo®, held Nov 4-6, 2014, at the Santa Clara Convention Center in Santa Clara, CA.

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### Slides: Rishi Bhargava 'Network Security'

By Elizabeth White



What do a firewall and a fortress have in common? They are no longer strong enough to protect the valuables housed inside. Like the walls of an old fortress, the cracks in the firewall are allowing the bad guys to slip in - unannounced and unnoticed. By the time these thieves get in, the damage is already done and the network is already compromised. Intellectual property is easily slipped out the back door leaving no trace of forced entry. If we want to reign in on these cybercriminals, it's high...

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### Infor Delivers ITAR Compatibility

By Pat Romanski



Infor has announced a new feature Infor CloudSuite™ Aerospace & Defense (A&D) to aid compliance with International Traffic in Arms Regulations (ITAR). The ITAR function will serve as a complementary function for new or existing Infor CloudSuite A&D customers, to facilitate compliance for Infor customers that are creating a US defense article or performing a US defense service and wish to benefit from cloud-services. The ITAR regulation serves to manage handling and access requirements for dat...

Fear & Loathing in the Enterprise Cloud (with apologies to Hunter S. Thompson)

### SOA Software

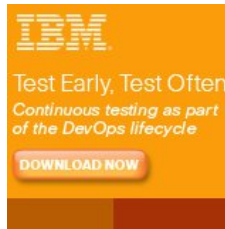
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Cloudy With a Chance of...Success

### Coraid

Software-Defined Storage for Cloud Architectures



At first glance, it might seem that the goals of DevOps and regulatory compliance are inherently at odds.

Whereas much of the buzz around DevOps advocates delivering software at dizzying rates, compliance and security are concerned with proper oversight of the change management process to ensure that the enterprise isn't opening itself up to potential vulnerabilities. With the tedious amount of r...

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## Internet of Things Company Appoints COO

By Yeshim Deniz



C-Labs LLC, a leading provider of remote and mobile access for the Internet of Things (IoT), announced the appointment of John Traynor to the position of chief operating officer. Previously a strategic advisor to the firm, Mr. Traynor will now oversee sales, marketing, finance, and operations. Mr. Traynor is based out of the C-Labs office in Redmond, Washington. He reports to Chris Muench, Chief Executive Officer. Mr. Traynor brings valuable business leadership and technology industry experi...

Nov. 20, 2014 06:00 PM EST Reads: 1,036

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## Bit6 Challenges Tech Community on WebRTC

By Daniel Keeney



Bit6 today issued a challenge to the technology community implementing Web Real Time Communication (WebRTC). To leap beyond WebRTC's significant limitations and fully leverage its underlying value to accelerate innovation, application developers need to consider the entire communications ecosystem.

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## @ThingsExpo NY Keynote Proposals Now Open

By Carmen Gonzalez



The 3rd International @ThingsExpo, co-located with the 16th International Cloud Expo - to be held June 9-11, 2015, at the Javits Center in New York City, NY - announces that it is now accepting Keynote Proposals. The Internet of Things (IoT) is the most profound change in personal and enterprise IT since the creation of the Worldwide Web more than 20 years ago. All major researchers estimate there will be tens of billions devices - computers, smartphones, tablets, and sensors - connected to th...

Nov. 20, 2014 01:00 PM EST Reads: 1,333

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## Slides: Chris Gray 'The Evolution of IoT'

By Elizabeth White



The Internet of Things is not new. Historically, smart businesses have used its basic concept of leveraging data to drive better decision making and have capitalized on those insights to realize additional revenue opportunities. So, what has changed to make the Internet of Things one of the hottest topics in tech? In his session at @ThingsExpo, Chris Gray, Director, Embedded and Internet of Things, discussed the underlying factors that are driving the economics of intelligent systems. Discover ...

Nov. 20, 2014 12:30 PM EST Reads: 1,621

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## Cochlear Selects AppZero for WS2003 Migrations

By Adine Deford



Cochlear Limited, the global leader in implantable hearing solutions, has selected AppZero for easy migration of its Microsoft Windows Server 2003 applications, a major priority for IT organizations before Microsoft ends support on July 14, 2015. AppZero software enables server application migration from old operating systems to new platforms or clouds and has been proven to be ten times faster, more reliable and efficient than alternative approaches.

Nov. 20, 2014 10:24 AM EST Reads: 623

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## Slides: Steve Riley 'Get the Most Out of SDN'

By Elizabeth White



Fundamentally, SDN is still mostly about network plumbing. While plumbing may be useful to tinker with, what you can do with your plumbing is far more intriguing. A rigid interpretation of SDN confines it to Layers 2 and 3, and that's reasonable. But SDN opens opportunities for novel constructions in Layers 4 to 7 that solve real operational problems in data centers. "Data center," in fact, might become anachronistic - data is everywhere, constantly on the move, seemingly always overflowing. Net...

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## New IBM Ad Campaign on 'DevOps Journal'

By Liz McMillan



SYS-CON Media announced today the IBM, which offers the world's deepest portfolio of technologies and expertise that are transforming the future of work, has launched ad campaigns on SYS-CON's numerous online magazines such as Cloud Computing Journal, DevOps Journal, Virtualization Journal, and IoT Journal. IBM's campaigns focus on application testing, improving application development processes, common challenges in testing composite applications, continuous testing as part of the DevOps lifec...

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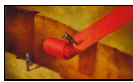
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