

Gartner Catalyst Conference 2014

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Architecting the Digital Business: Scaling and Securing Mobility, Cloud and Data

A Architecting Mobility to Drive Business Innovation
Employees' personal devices are invading your IT organization in unprecedented numbers. IT organizations that address this new reality are equipped to change business models and markets for competitive advantage; those that don't risk having unhappy and unproductive employees. This track explores leading-edge mobile architecture and best practices that will put you ahead of your competition.

B Information: The Lifeblood of the Digital Enterprise
Big data analytics is driving rapid transformation in infrastructure, analytics and business strategies — giving enterprises the ability to understand and interact with individual consumers through a variety of media, at any time and any place. In this track, attendees learn how to remain at the forefront of this effort, enabling their enterprises to compete and thrive in the digital transition.

C Architecting Cloud Services for a Scalable IT Foundation
Cloud computing will enable the savvy companies that embrace it to thrive and leave those that don't to fail. In this track, attendees learn the most appropriate applications for public, private and hybrid clouds, how to architect, secure and deploy hybrid cloud applications and infrastructure, how to develop a cloud adoption strategy, and much more.

D Protecting Your Business From Global Cyber Risks
Being or becoming a digital business requires that organizations use and expose systems, applications and data on a far larger scale, all while facing increased threats from a wide range of adversaries. This track explores how critical aspects of cyberdefense should be implemented in modern organizations and IT environments.

E Maximizing Employee Productivity in a Mobile- and Cloud-Driven World
In today's business environment, IT is challenged to develop IT services that enable employees to be satisfied and productive, regardless of their working styles. This track explores the impact of IT consumerization on workplace technologies and intranets, the changing vendor landscape and new approaches to help organizations become more effective in a mobile- and cloud-driven world.

F Software-Defined Data Center: The Blueprint for the Agile Infrastructure
Digitalization and the Internet of Things are forcing business to change with unprecedented velocity, requiring an infrastructure that can scale and change as quickly as the market. This track explores the software-defined data center, networking and storage, how these components fit together, how to build and secure a SDDC architecture, SDDC's role in the hybrid cloud, and much more.

G Driving Innovation in the New Era of Software Development
Software development is both the innovation engine and the "glue" of the digital business, presenting both new opportunities for growth and overwhelming challenges. This track explores leading practices, cutting-edge technologies and modern architectural paradigms that will help software development teams advance and succeed in the new era of software development.

Hot topics by track

- Enterprise mobile management (EMM)
- Mobile security and data protection
- Enterprise file sync services
- Bring your own device (BYOD)

- Business intelligence and analytics
- Big data appliances
- Cloud-based databases
- In-memory computing

- Evaluating and selecting IaaS, PaaS, SaaS providers
- Cloud security and compliance
- Private cloud architecture and infrastructure
- Cloud adoption strategies

- Malware and endpoint protection
- DDOS defense
- Network forensics and incident response
- Identity proofing and fraud protection

- SharePoint and enterprise content management
- Office 365/Google Apps
- Mobile messaging (e.g., WhatsApp)

- Software-defined data centers, networks, storage
- Blade servers and server miniaturization
- Virtualization management and automation
- Disaster recovery

- Continuous delivery
- The modern Web
- Emerging architectural paradigms
- PaaS platforms