

Cloud Adoption for Everyone!

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Q. Cloud adoption is well past the perception of something that "only startups do." Large enterprises from every conceivable industry are transitioning their entire infrastructure and data ecosystems into the Cloud. What has led to such a change in the business processes?

The adoption of Cloud is a game changer in IT practice that is not only impacting the way computing services are handled but also the way it is put into use at the end-user level. The Cloud transformation has several commercial and technical benefits, but the challenges too need to be considered when migrating to Cloud adoption. Business process should also be redefined to better reflect changing trends in the use of Cloud services. Cloud adoption promises to deliver affordable, reliable, and flexible computing solutions to startups/SMEs, enabling them to compete more effectively with larger organizations. Overall, the solutions and services industry may significantly change to leverage this new service offering. Cloud adoption is not just a passing spectacle but a reality that has just begun to realize its potential.

Q. Keeping tabs on Cloud deployment costs, and their capacity to expand rapidly, will lead IT leaders to rely on powerful analytics solutions that are on hand all the time. What is your perspective on the adoption of analytics tools in this regard?

To enhance flexibility, adopting Hybrid Cloud will



change small things, but the big thing it changes is the mapping between applications and resources. Solution architects are already addressing productivity enhancement and mobility with Agile application architectures. Hybrid Clouds then require that these applications be deployed on a resource pool with vast differences in cost and performance, thus creating scaled computing environments and saving on operational expenditures. A variety of Cloud-based business intelligence and analytics software have evolved, but business intelligence analysts in many companies are using analytics software that run on-premise on desktops or servers. One of the biggest benefits of the Cloud in general is that it facilitates collaboration between partners, which has led to improvements in business agility. What does this mean for business analysts? Deploying analytic tools in the Cloud offers this enhanced collaborative capability. Information can be drawn and analyzed

no matter where they originated from, creating cohesiveness within the organization. By leveraging virtual deployments, organizations can streamline communication and improve the way they respond to customer needs.

Q. Self-service data integration and data prep solutions may have been the rage in 2015, but 2016 is about simple methods for pushing data from inside organizations as well as from Web platforms into Cloud data ecosystems. What are the difficulties facing this transition of data?

Transitioning to the Cloud is a complex process, with no one route to success. CXOs must ensure that the proposed solutions are in line with the business model. There are various ways businesses can transition to the Cloud—via private, public, or Hybrid technologies. Identifying the right service model for the business is an important step. Migrating large data carries a number of risks for the organizations if not planned

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properly. Creating a data migration strategy that integrates seamlessly with the current IT infrastructure is key to the overall success of the organization.

Q. The big Cloud club has slightly eased its "if you're not all Cloud you're doing wrong" messaging and started to openly build practices around supporting Hybrid deployments. How successful have the Hybrid deployments been in the year 2016?

If there is a concern on public Cloud computing, the organization will need to go for a Hybrid Cloud solution. This means all

the applications need to be tested and deployed to accommodate the Hybrid Cloud, and most organization's application lifecycle management processes are not prepared for this change. Getting ready means mapping the specific differences in application lifecycle driven by Hybrid Clouds, understanding how Hybrid goals identify applications to Hybrid issues, reviewing APLC practices and tools to address the areas of change, and projecting the impact of Hybrid Cloud adoption to future proof all offerings. Hybrid Cloud adoption will change small things, but the big thing it changes is the mapping between applications and resources.



Q. What's the next big thing in Cloud Computing?

Docker is an open source UberCloud Marketplace technology that helps in creating, running, and deploying applications by using Linux containers. Google sees Docker as something that can change the way we think about building software, making it easier for anyone to instantly tap massive amounts of computing power. **CR**