99% of Indian companies set to adopt multiple Hybrid Cloud within 3 years: IBM study

Bengaluru, Karnataka, India - 10 Dec 2019: IBM (NYSE:IBM), today released a study by the IBM Institute of Business Value (IBV) on the Hybrid Cloud market in India, titled, 'Next-generation hybrid cloud powers next-generation business', revealing that almost 60% of the Indian organizations surveyed plan to have all their data on cloud in the next ten years, of which 99% will use multiple hybrid cloud within the next three years. Further, almost 50% of the respondents surveyed believe that- -more than 80 percent of the organizations will adopt a cloud-first-strategy -more than 80 percent of new apps will be built in the cloud -more than 80 percent of new apps will be developed using containers

Hybrid cloud is all set to emerge as the cutting-edge cloud technology for the next-generation business worldwide, it emphasized. It adds immense value to an organization's data and computing prowess by permitting interoperability seamlessly across all three standardized technology interfaces: Linux, Open Container Initiative, and Kubernetes. Enabling organizations to innovate with scale and agility, improving responsiveness and constraining cost, despite growing complexity. However, despite the growth of cloud over the past decade, for most organizations, the first Chapter of Cloud saw only 20 percent of workloads moving to the public cloud—and these are not yet companies' core mission-critical workloads. The 80 percent that remains is where real enterprise value lies. The industry is now at an inflection point, it added. Hence, next in the cloud's story, businesses need to unlock the door to a new layer of benefits, especially those relating to "cloudification" of mission-critical applications. New levels of data portability and interoperability offered by the hybrid cloud will help companies realize the virtue of "write once, run anywhere".

"We foresee Indian organizations to witness extensive adoption of cloud technologies in the next few years, with a majority of them using Hybrid Cloud within three years itself. If the next phase of cloud benefits is to be realized, a Hybrid cloud strategy is needed" said **Vikas Arora, Vice President, Cloud & Cognitive Software & Services, IBM India/South** Asia. We believe Hybrid Cloud adoption, containerization of applications, Multi-Cloud management and modernizing the Information Architecture to create self-service data platforms will be the key trends for 2020. IBM's Cloud strategy is in-line with the industry trend and with our enterprise expertise and ability to run large, complex systems for our clients positions us to lead the way as the # 1 hybrid cloud provider by 2020," he added.

As the Hybrid cloud becomes widespread, the industry is seeing variations of adoption across companies and industries. In the more regulated industries— such as banking, healthcare, telecom, and the government itself (half of the global economy)— the cloud mix is likely to tilt more toward private cloud than public cloud. In the less regulated industries, the mix will tilt the other way.

The research also indicates that security and governance are the two top reasons cited as justification not to put core applications onto public clouds. With Hybrid Cloud, companies can run applications and store data in the specific environments best aligned with security, regulatory, and governance requirements. Stating key benefits of migrating to the Hybrid cloud, the IBV study states that the Hybrid cloud empowers an organization to not get restricted to any one environment or one individual public cloud vendor owing to its intrinsic interoperability and portability capabilities. Companies can place their workloads in the best spots—and have interoperability among different environments and different public cloud providers. Hybrid cloud also takes the utmost care of security concerns. It allows apps to run—and data to be stored—in the IT environment best aligned with specific security, regulatory, and governance requirements.

Lastly, focusing on the adoption mechanism to the Hybrid cloud, it listed four key steps to get started with Chapter 2 of Cloud, including

• Architect the destination: Think open, multi-cloud, hybrid cloud. Your organization will live with the decisions you make today for years.

• Sequence the journey: Avoid "ready, fire, aim" approaches. Layout a careful, clear roadmap of what you want to do and in what order.

• Mobilize the right skills and assets: Draw upon talent within and outside your enterprise. It's important to develop and maintain in-house skills, but working with trusted third-party services providers, enabled by greater interoperability, can help bridge short-term gaps while reducing fixed costs

• Manage to clear outcomes: Establish meaningful qualitative and quantitative measurements and be tenacious in holding to them.

Century Textile and Industries: Hybrid cloud adoption Century Textile and Industries (CTIL) is a textile, cement, and paper manufacturing and export company based in Mumbai, India. CTIL's Cement Division ships thousands of tons of cement across India every day, and each shipment requires a valid electronic waybill (e-waybill). Managing these e-waybills manually would require significant administrative effort. The company streamlined its logistics with an automated, integrated e-waybill solution using a hybrid cloud. IBM Cloud Integration solutions help enable the company's ERP system to communicate goods and services tax data directly to government systems. As a result, CTIL achieved a 60 percent time savings due to e-waybill creation with paperless processing. The hybrid cloud also helped automate e-waybill management at each of the CTIL Cement Division's 192 sites. It also delivered a rapid return on investment by reducing operational costs.