IDC Reveals the Top 10 India predictions to impact Cloud initiatives through 2023: IDC India Report

New Delhi, February 7th, 2019 – IDC unveiled today its top 10 predictions to impact the cloud initiatives of India organizations through 2023. Amidst the increasing cost of infrastructure and complexities of managing them, enterprises in India are investing in cloud and are in early stages of realizing the benefits. The need for having agile businesses through simplified IT and comprehensive security is still far from reality for most organizations. Based on IDC analysis, business agility and/or the need for speed from IT and improved security are the top most important trigger factors for considering cloud, in contrast to cost. The market is in need for more consistent and standardized automated cloud resources to enable developers and line-of-business to execute at speed and in a more cost-effective manner.

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"The IT environments for organizations in India is becoming more complex with multiple public clouds, private clouds, and traditional systems needing to be interconnected, integrated, and collectively managed. Most of Indian organizations are clustered around early stages of cloud maturity and find it challenging to move ahead in the adoption curve. As Indian organizations move towards a cloud-first strategy, enterprises are preferring cloud solutions for their new capability, capacity and functionality," says **Rishu Sharma , Associate Research Manager, Cloud and AI, IDC India.**

Following are ten predictions impacting the technology buyers and suppliers in Cloud in India over the next 48 months:
#1 Mega-Platforms: By 2023, the top 4 clouds ("mega-platforms") in India will be the destination of choice for 50% of workloads, while lock-in will be avoided through multi-cloud and cloud-native approaches to achieve portability.

#2 Cloud Native: By 2022, 40% of new enterprise applications in India will be developed cloud-native, based on a hyper-agile architecture, but only 10% of those environments will have machine learning capabilities built in.

#3 Multi-Cloud Management: By 2023, 55% of India 500 organizations will have a multi-cloud management strategy that includes integrated tools across public and private clouds.

#4 Consumption-Based Deployment Model: By 2021, more than 30% of enterprise IT operations spend in India will be consumption-based, opting for a public cloud platform as a lower-risk option to manage complexity and aligning cost to consumption.

#5 Redefining the Edge: By 2023, more than 30% of organizations' cloud deployments in India will include edge computing to address bandwidth bottlenecks, reduce latency, and process data for decision support in real time.

#6 SaaS and Cloud Verticalization: By 2022, organizations in India will spend more on vertical SaaS applications, excluding desktop and internal employee productivity apps, than horizontally designed applications.

#7 Private Cloud Expansion: By 2020, 60% of enterprises in India using public cloud will also use an enterprise private cloud platform; majority of these platforms will support delivery of higher-layer PaaS and SaaS functionalities**.**

#8 Data Eruption: By 2023, 40% of India 500 enterprises will be AI-enabled, with over 40% of enterprise applications workflows aided by AI to better utilize legacy data, real-time operational data, and third-party data feeds.

#9 Managed Cloud Services: Enterprises' needs in India to optimize ROI, reduce budgets, and cope with the scarcity of cloud experts drive spending on managed cloud services to nearly US $1.2 billion by 2022 and almost 25% of technology outsourcing.

#10 Life-Cycle Automation: By 2022, 30% of organizations in India will have invested in automation, orchestration, and development life-cycle management of cloud-native applications to realize the cost benefits and operational efficiencies.

"The cloud has challenged many infrastructure hardware and software providers as a growing portion of enterprises source capacity through cloud services providers, shifting demand away from enterprise datacentres and toward cloud service providers, hyperscale datacentres," says **Ranganath Sadasiva** **, Director, Enterprise Solutions, IDC India**

These strategic predictions for the India market are presented in full in the following report: *IDC FutureScape: Worldwide Cloud 2019 Predictions* *— India Implications (# AP43922319).*

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