

#TECH: Oracle expands distributed cloud services

By Nur Zarina Othman - July 12, 2022 @ 2:22pm



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DESIGNED to run any application, Oracle Cloud Infrastructure (OCI) has all the services any scale of enterprises need in order to migrate, build, and run all IT tasks – from existing enterprise workloads to new cloud native applications and data platforms.

To continue bringing the full public cloud to more customers, Oracle introduced a lower entry point for OCI Dedicated Regions. The company also previewed its Compute [Cloud@Customer](#) services, bringing more than 100 OCI public cloud services into customers' data centres as well as Exadata [Cloud@Customer](#), a simple way to move an organisation's business-critical workloads to the cloud.

"Distributed cloud is the next evolution of cloud computing, and it provides customers with much more flexibility and control in how they deploy cloud resources," said IDC research vice president, Cloud and Edge Infrastructure Services Dave McCarthy, in a statement.

NEXT-GEN DEDICATED REGIONS

As the first public cloud built from the ground up, Oracle Cloud rethought core engineering and systems design for cloud computing, creating innovations that accelerate migrations with a promise of reliability and performance, as well as offering the complete services customers need to build innovative cloud applications.

"They (the organisations) want all the functionality of a cloud but they want it inside their data centre, and they don't want it half way, no compromises - they want to use the same security model on a cloud and on premises; they want to use the same backup model on the cloud and on premises; they want to use the same management mechanism on the cloud and on premises; they want to use the same billing, and rating the same SLA, same certification... in the end, customers want exactly the same on premises as they can get on the cloud, all the benefits with no compromise," said Oracle Japan and Asia Pacific senior vice president of Technology and Customer Strategy Chris Chelliah during his presentation at a virtual press briefing to introduce the new service.



Oracle regional managing director for Asean and Sage (Southeast Asia Growing Economies) Chin Ying Loong.

OCI currently operates public clouds in 38 regions in 20 countries. The new OCI Dedicated Region gives customers the agility, economics, and scaling of the public cloud but in their own data centres, not in a cloud region hundreds or thousands of kilometres away.

"Oracle's distributed cloud gives customers the choice to have full-featured cloud services delivered seamlessly on-premise, on the public cloud, or a combination of both, with the exact same experience across all options," he said adding that this new entry point and smaller footprint solution give open the OCI Dedicated Region to more organisations who need to run workloads outside the public cloud.

COMPREHENSIVE SOLUTION

According to Chelliah, the reality is all customers want all of the value of the remote management that the cloud brings but they want to do that with the reliability and the control of having their own hardware.

"They are looking for comprehensive cloud solutions to modernise their infrastructure yet meet their security, regulatory and data residency requirements" and that is exactly how the Dedicated Regions operate -independently from Oracle's public cloud regions but comes with the same support, management, upgrade, and expansion of the region – based on users needs, all at the same rates as OCI's public cloud. Furthermore, being on a single tenant cloud on the customer's own on-premise data centre means security and compliance requirements are not compromised.

"At this scale, migrating a portfolio of applications from self-managed hardware to an OCI Dedicated Region can be extremely cost-effective, and a single-tenant cloud made up of multiple OCI Dedicated Regions becomes a practical way to host operations within a country or across the globe," said Chelliah.

The company also announced the availability of Oracle Compute [Cloud@Customer](#), a rack-scale solution meant for smaller environments, smaller than OCI Dedicated Region. This allows organisations to run applications on OCI-compatible compute, storage, and networking in their data centres.



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Fully managed as a service from an OCI Region and using OCI's cost-effective consumption model, this allows the IT team to utilise the same APIs and management tools to create a consistent user experience, irrespective of where services are running, making it easily developed, deployed, secured, and managed by a single set of software across a wide range of distributed cloud environments.

Sharing regional updates as well as commenting on the new service availability in the region, Oracle regional managing director for Asean and Sage (Southeast Asia Growing Economies) Chin Ying Loong said that Oracle has recorded fast growth in the Asean region, and with the upper hand in infrastructure (for cloud services).

"We are unique because we are the only (company) that has next-generation public cloud infrastructure while the rest is still on generation-one.

"Not only do we have a public cloud, we also have Dedicated Regions for our customers. We are capable of catering to different sizes of customers. For example, when the government of Bangladesh wanted us to build a public cloud especially for

all its agencies, we were able to deliver that to them. But, for a company that has a smaller-scale sensitive database and workload that needs to be on cloud, we can also bring it behind the firewall—that too is possible," explained Chin.